











STATE OF NEW HAMPSHIRE.

---

REPORTS, 1911 - 1912.

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VOLUME III.---BIENNIAL.

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CONCORD, N. H.

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# FOURTEENTH REPORT

(NINTH BIENNIAL)

OF THE

## BOARD OF COMMISSIONERS OF LUNACY

FOR THE

STATE OF NEW HAMPSHIRE

FOR THE

Two Fiscal Years Ending August 31, 1912.

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VOLUME III. - - PART I.

FOURTH EDITION

CONCORD, N. H.

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STATE OF NEW HAMPSHIRE.

OFFICE OF THE COMMISSIONERS OF LUNACY.

STATE HOUSE, September 1, 1912.

*To His Excellency the Governor and the Honorable Council:*

In conformity to the laws of the state of New Hampshire, I have the honor to present herewith the fourteenth report of the Board of Commissioners of Lunacy, for the two fiscal years ending August 31, 1912.

Respectfully submitted,

*Irving A. Watson*

*Secretary.*

## Members of the Board.

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GOV. ROBERT P. BASS, Peterborough.

ATT'Y-GEN. JAMES P. TUTTLE, Manchester.

GRANVILLE P. CONN, M. D., PRESIDENT, Concord.

FRANK E. KITTREDGE, M. D., Nashua.

ROBERT FLETCHER, C. E., Hanover.

IRVING A. WATSON, M. D., SECRETARY, Concord.

## REPORT.

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HEREWITH is presented the fourteenth report of the Board of Commissioners of Lunacy, for the years 1911 and 1912. The commission is constituted of the State Board of Health, by an act of the legislature of 1889. This act also provides that all persons deprived of their liberty in this state, by being committed to custody as an insane person, shall be wards of the state and subject to state supervision.

The commission is also required to make inspections, to examine into the care and treatment of the insane, and was empowered to order the removal of any indigent, insane person to the New Hampshire State Hospital for remedial treatment. It is further required to keep a correct record of the number of commitments, discharges, and deaths at the asylums for the insane, with age, sex and nationality, and to make a report of the same to the governor and council. In accordance with this, the following tables are submitted:

TABLE 1. Commitments to the several institutions  
for the year 1911.

TABLE 2. Discharges for the year, 1911.

TABLE 3. Deaths for the year 1911.

TABLE 4. Commitments to the several institutions  
for the year 1912.

TABLE 5. Discharges for the year 1912.

TABLE 6. Deaths for the year 1912.

TABLE 7. List of persons who received state aid at  
the New Hampshire State Hospital by  
order of the Commissioners of Lunacy,  
during the two years, September 1,  
1911, to August 31, 1912, inclusive.

In 1903, an act was passed by the legislature providing that after January 1, 1905, the Board of Commissioners of Lunacy should transfer from the several county almshouses to the New Hampshire State Hospital, as rapidly as accommodations could be provided, such patients as in their judgment were most suitable subjects for remedial treatment, the transfers to be made pro rata, by counties. In 1907, the provisions of the law relative to the indigent insane were broadened, to the extent that they were made to apply to all indigent insane persons, independently of the opinion of the board as to whether or not such persons might be susceptible to remedial treatment. The law referred to is as follows:

“AN ACT TO PROVIDE FOR THE INDIGENT INSANE.

*“Be it enacted by the Senate and House of Representatives in General Court convened:*

“SECTION 1. The State Board of Commissioners of Lunacy is hereby empowered to transfer any indigent insane person to the New Hampshire State Hospital, there to be supported by the state, provided satisfactory affidavits are executed by the selectmen, or county commissioners, or both, as the said board may require, to the effect that neither the patient, nor any relative chargeable therewith, is able to bear the expense incident to his maintenance at the said hospital.

“SECT. 2. Indigent insane persons at the New Hampshire State Hospital, for remedial treatment or otherwise, may be maintained by the state at the said hospital upon orders issued to that effect by the State Board of Commissioners of Lunacy, having first in each case obtained satisfactory evidence as provided for in section 1 of this act.

“SECT. 3. In a case where the patient, or relatives



chargeable with his support are able to pay only a part of the expense of maintaining the said patient at the New Hampshire State Hospital, the State Board of Commissioners of Lunacy, upon satisfactory evidence of the facts, may direct that such part of the expense of maintenance at the said hospital as cannot be met by the patient or relatives chargeable therewith, be paid by the state.

“SECT. 4. All acts and parts of acts inconsistent with this act are hereby repealed, and this act shall take effect upon its passage.

“[Approved April 3, 1907.]”

In order that the provisions of the foregoing law might be carried out as intended by its provisions, suitable blank form of application was prepared for the investigation of the financial status of the patient and of his relatives legally chargeable with his support, the document to be signed, under oath, by the board of county commissioners, or by the board of selectmen.

In 1909, the law of 1903, providing that the state should take over all insane persons at the county almshouses after January 1, 1905, was amended so as to extend the time to the first day of January, 1913, the reason being inadequate accommodations at the State Hospital.

A change in the law relating to the commitment of insane persons was made at the 1909 session of the Legislature, by amending section 18 of chapter 10 of the Public Statutes of the State of New Hampshire, so as to read as follows, the italicized portion showing the amendment made:

No person shall be committed to the asylum for the insane, except by an order of the court or the judge of probate, without the certificate of two reputable physicians that such person is insane, given after a personal examination made within one week of the committal. Such certificate shall be accompanied by a certificate of a judge of the supreme court or court of probate, mayor, or one of the select-

men, certifying to the genuineness of the signatures and the respectability of the signers. *The physicians making such examination shall be legally registered to practice medicine in New Hampshire, and in the actual practice of their profession at the time of said examination and for at least three years prior thereto. They shall act jointly in making said examination and their certificate shall bear the date of said examination. Neither of said physicians shall be a relative of the person alleged to be insane, or an official of the institution to which it is proposed to commit such person. Any violation of the terms of this act may be punished by a fine not exceeding one hundred dollars. The certificate of insanity shall be in the form prescribed by the commission and shall contain the facts and circumstances upon which the judgment of the physicians is based.*

New blanks for the purpose of carrying out the provisions of this law have been prepared by the Board of Commissioners of Lunacy, and will be forwarded to physicians and others requiring such blanks.

The blank referred to must be used in the commitment of insane persons to any institution in this State.

Returns made to the board by the superintendents of the several county asylums and almshouses, show that on September 1, 1912, there were remaining at those institutions 106 insane persons. This is due to the fact that, owing to the lack of accommodations, these patients have not been, and cannot be at present, transferred to the New Hampshire State Hospital, as the law contemplates. On September 1, 1912, the State Hospital had 957 patients, the limit of its capacity.

When the Legislature of 1909 amended the law of 1903, to provide that the State should take over all the insane persons at the several county almshouses by January 1, 1913, it was believed that adequate accommodations would be provided at the New Hampshire State Hospital by that time to carry out the literal requirements of the law; but an appropriation for the purpose of enlarging the capacity of the State Hospital sufficient for the requirement, was not made until 1909, when the sum of

\$187,500 was appropriated for new buildings and their equipment.

The buildings have been erected and are well along toward completion. It is believed that they will be ready for occupancy by February or March next. As soon as they are completed, this board will order the transfer of all legally declared insane persons at the county almshouses to the State Hospital.

The several boards of county commissioners will be directed to transfer all new cases on and after the first of January next to the State Hospital, as the law contemplates, instead of to the county almshouses.





# COMMITMENTS.

1911.

TABLE No. 1—COMMITMENTS.

*Persons committed to the New Hampshire State Hospital during the year ending August 31, 1911.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Peverly, Charles G.....	52	M.	.....	W.	New Hampshire.	Sept. 1, 1910	Canterbury.
Lang, Frank.....	25	"	.....	"	"	Sept. 3, 1910	Brookfield.
Miner, Mary E.....	49	"	F.	"	New Hampshire.	Sept. 3, 1910	Lyman.
O'Brien, Lizzie.....	25	"	"	"	"	Sept. 6, 1910	Keene.
Kingsbury, Bertha.....	19	"	"	"	Vermont.....	Sept. 6, 1910	Concord.
Arsenault, Benjamin.....	21	M.	.....	"	Prince Edward Is.	Sept. 7, 1910	Derry.
Foy, Annie B.....	35	"	F.	"	Massachusetts.	Sept. 8, 1910	Returned from a visit.
O'Leary, Joshua F.....	35	M.	.....	"	Canada.....	Sept. 9, 1910	Manchester.
Begin, Sarah.....	35	"	F.	"	"	Sept. 12, 1910	West Concord.
Reese, Josephine J.....	57	"	"	"	New Hampshire.	Sept. 15, 1910	Manchester.
Savage, Kate.....	31	"	"	"	"	Sept. 15, 1910	Weare.
Cram, Bertha F.....	25	"	"	"	Canada.....	Sept. 16, 1910	Rochester.
Fartier, Leontine.....	31	M.	.....	"	New Hampshire.	Sept. 17, 1910	Keene.
Batchelder, James.....	29	"	"	"	"	Sept. 20, 1910	New Castle.
White, Julia.....	74	"	F.	"	New York.....	Sept. 20, 1910	Nashua.
Collins, Carrie.....	40	"	"	"	Ireland.....	Sept. 20, 1910	Manchester.
Gleason, Katherine.....	74	"	"	"	Maine.....	Sept. 21, 1910	Rochester.
Tibbets, Anne M.....	71	"	"	"	Michigan.....	Sept. 22, 1910	Dover.
Royet, Joseph D.....	21	M.	.....	"	New Hampshire.	Sept. 22, 1910	Whitefield.
Eaton, Abbie.....	55	"	F.	"	Massachusetts.	Sept. 22, 1910	Cornish.
Tewksbury, Elsie.....	33	"	"	"	Russia.....	Sept. 24, 1910	Concord.
Driscoll, Mary J.....	53	"	"	"	England.....	Sept. 26, 1910	Berlin.
Gulbin, Margaret.....	31	"	"	"	New Hampshire.	Sept. 28, 1910	Manchester.
Thompson, Ann.....	82	"	"	"	"	Sept. 30, 1910	Bow.
Hodgman, George L.....	37	M.	.....	"	"	Oct. 1, 1910	New London.
Morgan, Olive M.....	78	"	F.	"	"	Oct. 4, 1910	Conway.
Burbank, Henry.....	31	M.	.....	"	"	Oct. 4, 1910	Conway.



TABLE No. 1.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.	Single, married or widowed.		
Watson, Lydia.....	78	.....	F.	W.	Widowed ..	Dec.	Farmington.
Arnold, Mary A.....	35	M.	.....	"	Married ..	Dec.	Laconia.
Knapp, George.....	54	.....	.....	"	Widowed ..	Dec.	Haverhill.
Pelletier, Mary.....	41	.....	F.	"	Married ..	Dec.	Rollinsford.
Jones, Clara E.....	37	.....	"	"	Single ..	Dec.	Dover.
Barker, Adelaide A.....	61	.....	"	"	Married ..	Dec.	Manchester.
Gordon, Lucius M.....	22	M.	.....	"	Single ..	Dec.	Laconia.
Mannie, Louis.....	18	"	.....	"	.....	Dec.	State Industrial School.
McGillivray, Alice M.....	48	.....	F.	"	Married ..	Dec.	Newport.
Griffith, Victoria.....	45	.....	"	"	Single ..	Dec.	Exeter.
Walker, Jennie.....	37	.....	"	"	Married ..	Dec.	Concord.
Jenness, Mary S.....	47	.....	.....	"	.....	Dec.	Northampton.
Vaultman, Henry H.....	46	M.	.....	"	Single ..	Dec.	Winchester.
Bixby, Elizabeth.....	80	.....	F.	"	.....	Dec.	Hillsborough.
Durant, Dolphine.....	33	.....	.....	"	Married ..	Dec.	Concord.
Hart, Frank.....	18	M.	.....	"	Single ..	Dec.	Manchester.
Kelley, Michael.....	37	"	.....	"	.....	Dec.	Berlin.
Ellsworth, Rowell.....	58	"	.....	"	Married ..	Dec.	Wentworth.
Brown, Ira.....	80	.....	.....	"	.....	Dec.	Portsmouth.
Taylor, Marion R.....	21	M.	F.	"	"	Dec.	Madbury.
Hurd, Clinton R.....	43	.....	F.	"	Widowed ..	Dec.	Portsmouth.
Hughes, Katherine.....	50	.....	.....	"	Married ..	Dec.	Concord.
Emery, Frank D.....	40	M.	.....	"	Single ..	Dec.	Returned from elopement.
Hannon, Mary.....	15	.....	F.	"	.....	Dec.	Dover.
Croke, Patrick.....	26	M.	.....	"	Single ..	Dec.	Concord.
McNally, Francis.....	80	.....	.....	"	Widowed ..	Dec.	Portsmouth.
Quirolo, James D.....	38	"	.....	"	Single ..	Jan.	Somerset.
Gouin, Joseph.....	37	"	.....	"	.....	Jan.	Prison transfer.
Valle, Cleophas.....	25	"	.....	"	.....	Jan.	"

	M.	W.	Single.	Unknown	Jan.	8, 1911	
Narrotte, Anasa.....	28	"	"	"	Jan.	3, 1911	Prison transfer.
Sullivan, Fred.....	44	"	"	"	Jan.	3, 1911	"
Landry, Nelson.....	24	F.	Married	Canada	Jan.	4, 1911	Returned from a visit.
Schrieber, Joseph.....	28	"	Single	Austria	Jan.	6, 1911	Salen.
Hovey, John.....	47	"	Married	New Brunswick	Jan.	6, 1911	Manchester.
Manning, James M.....	19	"	Single	New York	Jan.	9, 1911	Gorham.
Edney, Josephine.....	28	F.	"	New Hampshire	Jan.	9, 1911	Manchester.
Ryan, Thomas J.....	26	"	"	Massachusetts	Jan.	10, 1911	Newton.
Chamberlain, Martha.....	77	F.	Widowed	New Hampshire	Jan.	11, 1911	Concord.
Parkinson, Eliza.....	44	"	Single	New York	Jan.	11, 1911	Merrimack Co. Farm (Dunbarton).
Archibald, Olive.....	75	"	Widowed	Massachusetts	Jan.	11, 1911	" " (Concord).
Putnam, Emma.....	56	"	Single	Massachusetts	Jan.	11, 1911	" " (Hooksett).
Leavitt, Mary J.....	47	"	Married	New Hampshire	Jan.	11, 1911	" " (Dunbarton).
Quindley, Mary.....	72	"	Widowed	"	Jan.	11, 1911	" " (Franklin).
Clay, Daniel.....	81	M.	"	"	Jan.	11, 1911	" " (Pittsfield.)
Sleeper, Francis S.....	78	"	Single	Vermont	Jan.	15, 1911	Stafford.
Cameriaae, Charles.....	35	"	Divorced	New Hampshire	Jan.	17, 1911	North Haverhill.
Hall, Ancil C.....	76	F.	Widowed	Finland	Jan.	17, 1911	Newmarket.
Matson, Annie.....	38	"	Married	Vermont	Jan.	19, 1911	Whitefield.
Moorehouse, Herbert E.....	51	"	"	New Hampshire	Jan.	20, 1911	Wilton.
Sargent, Charles H.....	52	F.	Married	Vermont	Jan.	20, 1911	Enfield.
Marton, Alice A.....	51	"	"	New Hampshire	Jan.	20, 1911	Concord.
LaChance, Julia.....	50	"	"	Canada	Jan.	23, 1911	Plymouth.
Schofield, Stewart.....	17	"	Single	Massachusetts	Jan.	23, 1911	Nerrimack.
Latner, Ovilla.....	20	"	"	Wisconsin	Jan.	24, 1911	Dover.
Grenier, Mitchell.....	77	"	Married	Canada	Jan.	26, 1911	Laconia.
Papageorge, George.....	28	"	Single	Greece	Jan.	26, 1911	Penbroke.
Amazeen, Samuel S.....	72	"	Married	New Hampshire	Jan.	27, 1911	Manchester.
Mason, Charles A.....	25	"	Single	New Hampshire	Jan.	27, 1911	Farmington.
Burns, Ella F.....	50	F.	"	Canada	Feb.	1, 1911	Madison.
Brown, Claudia.....	27	"	Married	Canada	Feb.	1, 1911	Manchester.
Largay, Michael.....	36	M.	Single	New Hampshire	Feb.	2, 1911	"
Townus, Arthur H.....	43	"	"	Massachusetts	Feb.	3, 1911	Bristol.
Vachon, Peter.....	38	"	"	Massachusetts	Feb.	4, 1911	Rochester.
Parker, Warren.....	34	"	Married	New Hampshire	Feb.	7, 1911	Concord.
Purdy, William.....	22	"	Single	Nova Scotia	Feb.	9, 1911	Wilton.
Leighton, Martha R.....	77	F.	Widowed	New Hampshire	Feb.	10, 1911	Somersworth.
Wiggin, James.....	72	M.	Married	England	Feb.	10, 1911	"
St. Parks, Eleanor.....	35	"	Single	New Hampshire	Feb.	11, 1911	Concord.
Frost, Dorothy M.....	45	F.	Married	Maine	Feb.	13, 1911	"
Bignall, Joseph L.....	69	M.	"	Massachusetts	Feb.	14, 1911	Somersworth.
Loscomb, Aubrey.....	57	"	"	Massachusetts	Feb.	14, 1911	Concord.
Woodward, Nathaniel P.....	48	"	"	New Hampshire	Feb.	14, 1911	Hanover.

TABLE No. 1.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Moulton, Eleanor J.....	59	M.	F.	W.	Maine.....	Feb. 18, 1911	Rollinsford.
Chick, George A.....	55	"	"	"	Canada.....	Feb. 20, 1911	Dover.
Langvin, Malvina.....	46	"	F.	"	Quebec.....	Feb. 20, 1911	Pittsfield.
Rosseau, Melina.....	52	"	"	"	Massachusetts.....	Feb. 23, 1911	Manchester.
Jones, Alfred W.....	62	M.	F.	"	Ireland.....	Feb. 27, 1911	Milton.
Magan, Mary.....	51	"	"	"	New Hampshire.....	Feb. 27, 1911	Manchester.
Miner, Charles W.....	62	M.	F.	"	Ireland.....	Feb. 27, 1911	Haverhill (Grafton County Jail).
Punch, Henry.....	62	M.	F.	"	Canada.....	Feb. 28, 1911	Manchester.
Morin, Henry.....	53	M.	F.	"	England.....	Feb. 28, 1911	Marlborough.
Donovan, Sarah.....	47	"	"	"	Ireland.....	March 1, 1911	Manchester.
Jennings, John.....	36	M.	"	"	New Hampshire.....	March 2, 1911	Gilmanton.
Perry, Harlow C.....	27	"	"	"	Germany.....	March 3, 1911	Manchester.
Ridel, Ida.....	52	"	F.	"	New York.....	March 4, 1911	Rochester.
Nealand, Annie E.....	42	"	"	"	Nova Scotia.....	March 5, 1911	Nashua.
Lockhart, Maud U.....	38	"	"	"	New Hampshire.....	March 6, 1911	Haverhill.
Workman, Blanche A.....	20	M.	"	"	Turkey.....	March 11, 1911	Manchester.
Philp, Raphael.....	51	M.	F.	"	New Hampshire.....	March 13, 1911	Concord.
Car, Jennie L.....	53	M.	"	"	Scotland.....	March 19, 1911	Candia.
Creteau, Frederick.....	40	"	"	"	New Hampshire.....	March 19, 1911	Concord.
Keane, Robert F.....	80	M.	"	"	New Hampshire.....	March 23, 1911	Keene.
Knight, Emily M.....	23	M.	F.	"	United States.....	March 23, 1911	Manchester.
Bresnahan, Timothy.....	49	"	"	"	New Hampshire.....	March 25, 1911	Hampton Falls.
Cram, Ellen.....	70	M.	"	"	United States.....	March 27, 1911	Nashua.
Dodge, Oliver.....	52	"	"	"	New Hampshire.....	March 30, 1911	Fremont.
Frost, Charles W.....	60	"	"	"	Nova Scotia.....	March 31, 1911	Manchester.
Lynch, Margaret.....	52	"	F.	"	New York.....	April 1, 1911	Cornish.
Titus, Addie S.....	38	M.	"	"	Vermont.....	April 2, 1911	Milford.
Hadlock, John C.....	28	"	"	"	New Hampshire.....	April 2, 1911	Manchester.
Galway, Joseph X.....		"	"	"	New Hampshire.....	April 2, 1911	Manchester.



Marshall, Hubbard.....	60					Single.....	New Hampshire.	April	5, 1911	Clarendon.
Largey, Michael.....	..	"				.....	.....	April	5, 1911	Returned from trial visit.
Dumont, Joseph.....	45					Married.....	Vermont.....	April	6, 1911	Returned from elopement.
Willis, Frank E.....	36				F.		New Hampshire.	April	8, 1911	Chesham.
Hall, Alice M.....	43	M.				Single.....	"	April	10, 1911	Exeter.
McCoy, Perley S.....	38	M.			F.	"	"	April	11, 1911	Peterborough.
Ramsay, Mary L.....	21	M.			F.	Married.....	Turkey.....	April	11, 1911	Langdon.
Bryant, Ernest.....	53	M.			F.		.....	April	11, 1911	Westmoreland.
Kandarian, Nazanee.....	27	M.				Divorced.....	New Hampshire.	April	12, 1911	Manchester.
Brazier, Walter S.....	43	"				Single.....	Massachusetts.....	April	13, 1911	Orford.
Mousley, John.....	22	"				Married.....	New Hampshire	April	17, 1911	Portsmouth.
Roberts, William B.....	37	"				Single.....	.....	April	19, 1911	Concord.
Drew, George H.....	18	"				Single.....	"	April	21, 1911	Dover.
Stirling, Carl E.....	57	"				Widowed.....	Maine.....	April	22, 1911	Jackson.
Abbott, Loring.....	63				F.	Single.....	New Hampshire.	April	24, 1911	Dover.
Fall, Jane L.....	21	M.			F.	Single.....	Massachusetts.....	April	24, 1911	Lebanon.
Dowse, Clarence L.....	37	M.			F.	Single.....	Maine.....	April	25, 1911	Farmington.
Perkins, Louise M. T.....	50	M.			F.	Single.....	New Hampshire.	April	25, 1911	West Stewartstown.
Crowley, Jesse.....	30	M.			F.	Single.....	.....	April	26, 1911	Bennington, Co. Farm transfer.
Sullivan, Mary A.....	31	M.				Single.....	New Hampshire.	April	27, 1911	.....
Shea, James.....	31	"				Single.....	.....	April	27, 1911	.....
Chase, Annah A.....	45				F.	Married.....	Canada.....	April	27, 1911	Lisbon.
Stines, Alice.....	39				"	Single.....	New Hampshire.	April	28, 1911	Dover.
Daniels, Antine N.....	26	M.				Single.....	.....	April	29, 1911	Manchester.
Barchelder, John F.....	60	"				Single.....	"	May	2, 1911	Laconia.
Parker, Helen A.....	44	"			F.	"	"	May	2, 1911	Fitzwilliam.
Reynolds, Arthur A.....	28	M.				"	"	May	2, 1911	Alton.
Quimby, Edmund J.....	38	"				"	"	May	2, 1911	Hopkinton.
Young, Hattie.....	28				F.	Married.....	Sweden.....	May	3, 1911	Newmarket.
Peterson, Maria.....	52				"	"	Germany.....	May	6, 1911	Manchester.
Zinn, Agnes.....	23				"	"	Ireland.....	May	8, 1911	Epsom.
Stewart, Frank E.....	49	M.				Single.....	New Hampshire.	May	9, 1911	Concord.
Sullivan, Patrick.....	38	"				Married.....	New Hampshire.	May	11, 1911	Plymouth.
Nelson, Helen Maud.....	20	M.			F.	Single.....	Quebec.....	May	11, 1911	Dover.
Hayes, Charles N.....	60	M.			F.	Single.....	New Hampshire.	May	13, 1911	Rochester.
Jackson, Elizabeth.....	62	M.			F.	Married.....	Vermont.....	May	15, 1911	Franklin.
Rivers, Edward.....	19	M.			F.	Single.....	New Hampshire.	May	16, 1911	Clarendon.
Fiske, Abbie.....	53	M.			F.	Married.....	Sweden.....	May	16, 1911	Andover.
Jennings, John.....	42	"				Single.....	New Hampshire.	May	16, 1911	Returned.
Willette, Paul.....	40-50				F.	Married.....	Ireland.....	May	16, 1911	Berlin.
Larson, Betty.....	81					Widowed.....	New Hampshire.	May	16, 1911	Concord.
Currier, Eliza.....	81						.....	May	18, 1911	Willmot.
Whittemore, George W.....	85	M.					.....	May	18, 1911	.....

TABLE No. 1.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Bennett, William.....	40	M.	.....	W.	Massachusetts...	May 24, 1911	Dover.
Murphy, Daniel.....	19	"	.....	"	Ireland.....	May 24, 1911	Manchester.
Alexander, William H. H. .	19	"	.....	"	Vermont.....	May 24, 1911	"
Leavitt, Fannie.....	42	"	F.	"	New Hampshire.	May 24, 1911	Laconia.
Fitzmorris, Patrick.....	41	M.	.....	"	Ireland.....	May 25, 1911	Manchester.
Stackpole, Daniel E.....	45	"	.....	"	Massachusetts...	May 25, 1911	Hillsborough.
Chasse, Narcisse.....	52	"	.....	"	Canada.....	May 26, 1911	Penacook.
Babin, Alphonse.....	27	"	.....	"	"	May 28, 1911	Portsmouth.
Davidson, William O.....	20-30	"	.....	"	"	May 28, 1911	Manchester.
Baschon, Nathan.....	33	"	.....	"	Massachusetts...	May 29, 1911	Dunbarton.
Nutting, Porter.....	76	"	.....	"	Massachusetts...	May 31, 1911	Canada.
Miller, Escher.....	28	"	F.	"	Canada.....	May 31, 1911	Whitefield.
Ancill, Alma.....	29	"	"	"	"	June 1, 1911	Nashua.
Cutting, Ina.....	41	M.	.....	"	New Hampshire.	June 1, 1911	Orford.
Cheney, Frank R.....	70	"	.....	"	Ireland.....	June 5, 1911	New London.
Harty, David.....	68	"	.....	"	Vermont.....	June 7, 1911	Walpole.
Gibson, Edwin J.....	24	"	.....	"	New Hampshire.	June 8, 1911	Nashua.
Brown, James H.....	72	"	.....	"	Nova Scotia.....	June 8, 1911	Walpole.
Pineo, Isaac B.....	17	"	F.	"	New Hampshire.	June 13, 1911	Dover.
Bellevare Rosalie.....	33	"	.....	"	New Hampshire.	June 14, 1911	Littleton.
Zinn, Agnez.....	65	M.	.....	"	Holland.....	June 15, 1911	Returned from a visit.
Christian, John.....	78	"	.....	"	Holland.....	June 17, 1911	Manchester.
Nydam, George.....	22	"	.....	"	United States....	June 19, 1911	Exeter.
McCollum, Charles R.....	38	"	.....	"	New York.....	June 19, 1911	Goffstown.
Elsner, Roy.....	61	"	.....	"	New Hampshire.	June 19, 1911	Derry.
Jones, William H.....	21	"	.....	"	New Hampshire.	June 20, 1911	Portsmouth.
Osgood, George G.....	61	"	.....	"	New Hampshire.	June 20, 1911	Returned from e'opement
Wilder, Rodney H.....	61	"	.....	"	"	June 21, 1911	Peterborough.
Hamel, Alfred.....	21	"	.....	"	"	June 21, 1911	Fembroke.

Gillan, Bertha K.....	30	.....	F.	W.	Single.....	Massachusetts....	June 21, 1911	Manchester.
Groomie, Millicent.....	25	.....	.....	"	Married.....	Vermont.....	June 22, 1911	Lancaster.
Cannon, John.....	36	M.	F.	"	Single.....	Ireland.....	June 22, 1911	Manchester.
Leonard, Mary.....	37	.....	.....	"	Married.....	New York.....	June 26, 1911	"
Rice, Flora L.....	25	.....	.....	"	Single.....	New Hampshire....	June 27, 1911	Swansey.
Irvine, Joseph B.....	35	M.	.....	"	Married.....	Massachusetts....	June 27, 1911	Dover.
Jenness, Ivan D.....	43	"	.....	"	Single.....	New Hampshire....	June 28, 1911	Rye.
Chandler, Isaac S.....	50	"	.....	"	Married.....	Ireland.....	June 29, 1911	Concord.
Egan, Thomas F.....	29	.....	F.	"	Single.....	.....	June 29, 1911	.....
Cobb, Fay Hill.....	68	M.	.....	"	Married.....	New Brunswick....	June 29, 1911	Returned from elopement.
Brooks, William.....	36	.....	F.	"	Single.....	Ireland.....	June 30, 1911	Groveton.
Redley, Nellie.....	23	.....	.....	"	Married.....	New Hampshire....	June 30, 1911	Rochester.
Weymouth, Louise M.....	38	M.	.....	"	Single.....	Canada.....	July 4, 1911	Lyne.
Cayn, Eugene.....	38	.....	.....	"	Married.....	Scotland.....	July 4, 1911	Hooksett.
Dawson, Alexander.....	67	"	.....	"	Single.....	.....	July 5, 1911	Portsmouth.
Cook, Benjamin.....	37	.....	.....	"	Married.....	New Hampshire....	July 5, 1911	Returned from elopement.
Fernald, Brackett.....	37	.....	F.	"	Single.....	Maine.....	July 6, 1911	Wolfeboro.
Rushie, Nellie M.....	42	M.	.....	"	Married.....	Massachusetts....	July 7, 1911	Lancaster.
Stone, Fred W.....	29	.....	F.	"	Single.....	New Hampshire....	July 9, 1911	Manchester.
Craig, Vera.....	33	M.	.....	"	Married.....	.....	July 10, 1911	Ashland.
Read, John W.....	30	.....	F.	"	Single.....	Maine.....	July 11, 1911	Plainfield.
Skidmore, Henrietta.....	26	M.	.....	"	Married.....	New York.....	July 11, 1911	Anburn.
Nutting, John.....	41	"	.....	"	Single.....	.....	July 12, 1911	West Stewartstown.
Heath, Will.....	41	.....	.....	"	Married.....	England.....	July 12, 1911	Concord.
Bennett, John A.....	76	.....	F.	"	Widowed.....	Massachusetts....	July 14, 1911	Franklin.
Fremman, Jennie A.....	54	.....	"	"	Married.....	Canada.....	July 14, 1911	Dover.
Roberts, Emily M.....	39	M.	.....	"	Single.....	Quebec.....	July 14, 1911	Orford.
Dufresne, Ludwig J.....	21	.....	.....	"	Single.....	New Hampshire....	July 18, 1911	Derry.
Fogg, Edwin E.....	12	.....	.....	"	"	Massachusetts....	July 19, 1911	Sandwich.
Chaloner, Hazel W.....	23	.....	F.	"	"	.....	July 19, 1911	Nashua.
St. Louis, Amanda.....	96	M.	.....	"	Widowed.....	New Hampshire....	July 21, 1911	Keene.
Abbott, Charles.....	39	.....	F.	"	Married.....	New York.....	July 21, 1911	Enfield.
Eyans, Alice J.....	30	M.	.....	"	Single.....	Maine.....	July 21, 1911	Berlin.
York, Charles.....	69	"	.....	"	Married.....	Vermont.....	July 22, 1911	Claremont.
Bixby, Martin J.....	40	.....	F.	"	Single.....	New York.....	July 25, 1911	Nashua.
Still, Jesse.....	53	.....	.....	"	"	New Hampshire....	July 26, 1911	Franklin.
Quimby, Nellie.....	15	.....	.....	"	Widowed.....	Massachusetts....	July 27, 1911	Manchester.
Flower, Mabel.....	54	M.	.....	"	Single.....	New Hampshire....	July 28, 1911	Dover.
Galley, Nellie.....	41	.....	.....	"	Divorced.....	Massachusetts....	July 31, 1911	Newfields.
Pike, James O.....	49	M.	F.	"	Single.....	New Hampshire....	July 31, 1911	Pittsfield.
Nutter, Annie A.....	40	.....	.....	"	Married.....	Canada.....	Aug. 1, 1911	Durham.
Moriarty, Charles P.....	34	"	.....	"	Single.....	New Hampshire....	Aug. 1, 1911	Manchester.
Gadbois, Leo.....	25	.....	F.	"	Single.....	.....	Aug. 1, 1911	"
Lemieux, Marie.....	25	.....	.....	"	Single.....	New Hampshire....	Aug. 1, 1911	"

TABLE No. 1.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.	Single, married or widowed.		
Cardin, William	30	M.	..	W.	Single...	Aug. 2, 1911	Nashua.
Lynch, Dennis J.	51	"	..	"	Widowed..	Aug. 2, 1911	Portsmouth.
Harris, Nellie J.	39	..	F.	"	"	Aug. 3, 1911	Haverhill.
Schofield, Stewart G.	17	M.	..	"	Single...	Aug. 4, 1911	Dover.
Weens, Eugene H.	27	"	..	"	"	Aug. 4, 1911	Prison.
Bowden, Frank	26	"	F.	"	Married...	Aug. 4, 1911	"
Davis, Ellen F.	38	..	F.	"	Single...	Aug. 4, 1911	East Hebron.
Hill, Arthur	33	M.	..	"	Married...	Aug. 5, 1911	Woodstock.
Lord, Georgianna A.	55	M.	..	"	Married...	Aug. 8, 1911	Returned from elopement.
Holt, N. K.	52	..	F.	"	Widowed..	Aug. 11, 1911	Lancaster.
Smith, Flora	58	..	"	"	Married...	Aug. 12, 1911	Milford.
Ramsey, Lydia A.	26	..	"	"	"	Aug. 12, 1911	Mereditth.
Wharem, Milder N.	54	..	"	"	"	Aug. 12, 1911	Landaff.
Spinney, Mary C.	32	..	"	"	"	Aug. 16, 1911	Portsmouth.
Morrissey, Mary E.	46	M.	..	"	Single...	Aug. 17, 1911	Concord.
Caswell, Frank J.	63	..	F.	"	Married...	Aug. 18, 1911	Rochester.
Ward, Charles L.	55	..	"	"	Widowed..	Aug. 22, 1911	Manchester.
Lyons, Ellen	66	..	"	"	Married...	Aug. 23, 1911	Returned from a visit.
Smith, Mary	21	..	"	"	Single...	Aug. 23, 1911	Lancaster.
Rhines, Edith M.	52	..	"	"	"	Aug. 25, 1911	Farmington.
Robitaille, Marie Ovide	54	..	"	"	Widowed..	Aug. 28, 1911	Manchester.
Robitaille, Hermeline	62	M.	..	"	Single...	Aug. 28, 1911	"
Folsom, John D.	..	..	F.	"	Divorced..	Aug. 29, 1911	Sanbornston.
Sullivan, Mary A.	..	..	..	"	"	Aug. 30, 1911	Returned from a visit.

*Persons committed to the Rockingham County Asylum during the year ending August 31, 1911.*

Kierstead, Thomas.....	70	M.	.....	W.	Married.....	French.....	Aug.	9, 1910	Hampton.
Maroux, Mary.....	18	M.	F.	"	Single.....	American.....	Sept.	10, 1910	Derry.
Elser, Roy.....	21	M.	"	"	"	Dutch.....	Dec.	13, 1910	"
Nydam, George.....	65	"	"	"	"	American.....	April	14, 1910	Exeter.
Roberts, William P.....	33	"	"	"	"	"	April	3, 1911	Portsmouth.
Edney, Josephine.....	41	F.	"	"	"	French.....	Jan.	2, 1911	East Kingston.
Babin, Alphonse.....	26	M.	"	"	"	American.....	May	26, 1911	Portsmouth.
Trefedern, Martin P.....	41	"	"	"	"	"	June	6, 1911	Rye.

*Persons committed to the Strafford County Asylum during the year ending August 31, 1911.*

Bennett, Mary Clara.....	80	.....	F.	W.	Widowed..	American.....	Jan.	1, 1911	Dover.
French, James.....	68	M.	"	"	Single.....	"	Jan.	1, 1911	Somersworth.
Gough, Susan B.....	58	"	F.	"	Married..	"	Jan.	1, 1911	"
Hall, Hannah.....	79	"	"	"	Widowed..	"	Jan.	1, 1911	Dover.
Grimes, Margaret.....	69	"	"	"	"	Irish.....	Jan.	1, 1911	"
Tilbetts, Ann M.....	73	"	"	"	Married..	American.....	Jan.	1, 1911	Rochester.
Willey, William.....	70	M.	"	"	Single.....	"	July	22, 1911	Harrington.
Cavanaugh, Mary.....	58	"	F.	"	"	Irish.....	Jan.	1, 1911	Dover.
Chamberlin, Charles H.....	68	M.	"	"	Widowed..	American.....	Jan.	1, 1911	"

*Persons committed to the Belknap County Asylum during the year ending August 31, 1911.*

Brown, Percy.....	36	M.	.....	W.	Single.....	American.....	Jan.	1, 1911	Alton.
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*Persons committed to the Carroll County Almshouse during the year ending August 31, 1911.*

Heath, Frank.....	53	M.	.....	W.	Single.....	American.....	May	14, 1911	Moultonborough.
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TABLE NO. 1.—Continued.—COMMITMENTS.

Persons committed to the Merrimack County Farm during the year ending August 31, 1911.

None.

Persons committed to the Hillsborough County Asylum during the year ending August 31, 1911.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Kandarian, Nanzer.....	26	M.	F.	W.	Syrian.....	Oct. 14, 1910	Manchester.
Morgan, James E.....	32	"	"	"	American.....	Oct. 17, 1910	Trans. from N. H. State Hospital.
Ducey, John.....	31	"	"	"	"	Oct. 17, 1910	Wilton.
Walker, Della.....	37	M.	F.	"	Irish.....	Oct. 17, 1910	Manchester.
Hart, Frank.....	18	"	"	"	American.....	Dec. 20, 1910	Bedford.
Webber, Fred.....	51	"	"	"	"	Dec. 20, 1910	Bedford.
Shea, William.....	30	"	"	"	Irish.....	April 27, 1911	Bennington.
Fitzmorris, Patrick.....	41	"	"	"	American.....	May 20, 1911	Manchester.
Stackpole, Daniel E.....	45	"	"	"	Polander.....	June 13, 1911	Hillsborough.
Christian, John.....	23	"	"	"	American.....	July 5, 1911	Manchester.
Stone, Fred W.....	42	"	"	"	"	July 20, 1911	[from Nashua P. Ct.
Still, Jesse.....	32	"	"	"	Scottish.....	Aug. 21, 1911	Sentenced to Hillsboro' Co. H. C.
Lyons, Ellen.....	55	"	F.	"	French.....	Aug. 21, 1911	Manchester.
Cloutier, Odile.....	59	"	"	"	English.....	Aug. 29, 1911	"
Russell, Roslin.....	39	"	"	"	"	"	"

Persons committed to the Cheshire County Asylum during the year ending August 31, 1911.

None.









# DISCHARGES.

1911.

TABLE No. 2.—DISCHARGES.

Persons discharged from the New Hampshire State Hospital during the year ending August 31, 1911.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.
	Years.	Male.	Female.	Color.			Years.	Months.	Days.	
Mandigo, Merton .....	27	M.		W.	New Hampshire	Sept. 2, 1910	...	5	17	Improved.
Bruce, Carl S. ....	19			"	New Hampshire	Sept. 3, 1910	1	2	12	Much improved.
Foy, Annie B. ....	32	F.		"	Pennsylvania	Sept. 4, 1910	...	1	12	On a visit.
Bart, Arthur L. ....	53	M.		"	New Hampshire	Sept. 7, 1910	...	1	12	Recovered from alcoholism.
Jones, Frank M. ....	36	"		"	New Hampshire	Sept. 14, 1910	...	1	2	"
Ferrusse, Henry ....	51	F.		"	"	Sept. 15, 1910	...	...	30	"
Purmont, Elizabeth .....	37	"		"	Canada	Sept. 16, 1910	1	...	12	Recurent recovery.
Foy, Annie B. ....	48	"		"	"	Sept. 19, 1910	...	2	28	On trial.
Chart, Thomas ....	47	M.		"	Ireland	Sept. 20, 1910	...	3	25	On a visit. Improved.
Hale, Charles W. ....	41	"		"	New Hampshire	Sept. 22, 1910	...	1	6	Recovered.
Rhines, Edith M. ....	54	"		"	"	Sept. 24, 1910	2	5	20	"
Walton, Harry I. ....	20	M.		"	New Hampshire	Sept. 25, 1910	...	2	1	Much improved.
Wrb, Henrietta .....	59	F.		"	"	Sept. 28, 1910	...	2	1	Recovered.
Reed, Elizabeth .....	66	"		"	New Brunswick	Sept. 28, 1910	...	4	9	Much improved.
Collins, Carrie .....	40	"		"	New York	Oct. 1, 1910	...	2	17	Much improved.
Rice, Charles F. ....	53	M.		"	New Hampshire	Oct. 1, 1910	...	2	10	Improved.
Batchelder, James S. ....	29	"		"	"	Oct. 3, 1910	2	6	3	Recovered.
Peaslee, William S. ....	71	"		"	"	Oct. 3, 1910	...	...	20	Much improved.
Byrnes, Ambrose G. ....	42	"		"	New York	Oct. 5, 1910	...	1	9	Improper.
Jenkins, Henry A. ....	51	"		"	Maine	Oct. 7, 1910	2	1	5	Recovered from alcoholism.
Cannon, John .....	56	"		"	Scotland	Oct. 8, 1910	2	3	25	Much improved.
Gibson, Edwin J. ....	67	"		"	Vermont	Oct. 8, 1910	...	2	5	Recovered.
Andrews, Alice V. ....	46	F.		"	Canada	Oct. 8, 1910	...	8	10	Not improved.
Sanders, Ralph M. ....	34	M.		"	New Hampshire	Oct. 8, 1910	...	3	15	Recovered.
Anderson, Augusta M. ....	44	F.		"	Sweden	Oct. 9, 1910	...	2	14	"

34	M.	W.	Married.	Ireland.	Oct.	10, 1910	1	11	Recovered from alcoholism.
Kerrigan, Frank				Connecticut	Oct.	13, 1910	2	3	Much improved.
Willson, Sophie	F.			Canada	Oct.	13, 1910	2	3	"
Croftan, Ernest	M.			New Hampshire	Oct.	14, 1910	3	16	Improved.
Muligan, James E.			Single.	Sweden	Oct.	15, 1910	9	23	Recovered from alcoholism.
Gomes, Emma	F.		Married.	"	Oct.	15, 1910	8	29	Not improved.
Stoddard, Stephen	M.		Single.	New Hampshire	Oct.	16, 1910	11	23	Not improved.
Dowse, Clarence L.			"	"	Oct.	17, 1910	9	2	Not improved.
Howe, Alberton W.			"	"	Oct.	17, 1910	1	6	Not improved.
Cram, Bertha F.	F.		"	Maine	Oct.	21, 1910	1	6	Not improved.
Upton, Jennie T.			Widowed	New Hampshire	Nov.	22, 1910	3	23	Recovered.
Jones, Mabelle	"		Single.	"	Nov.	22, 1910	1	8	Improved.
Davis, Annie	"		Married.	"	Nov.	23, 1910	1	12	Recovered.
Smith, Everett J.	M.		Single.	Canada	Nov.	28, 1910	2	19	Improved.
Beggs, Sarta	F.		"	Maine	Nov.	28, 1910	1	19	Trans. to School for
Thibbets, Anne M.	"		Married.	Turkey	Dec.	6, 1910	1	14	Recovered.
Spanos, William	M.		Single.	Rhode Island	Dec.	6, 1910	1	25	Not improved.
Proctor, Robert	"		"	Poland	Dec.	12, 1910	3	18	"
Pszagowski, Wincentz	"		"	Vermont	Dec.	16, 1910	1	17	Not improved.
Kingsbury, Bertha A.	F.		Married.	Maine	Dec.	24, 1910	3	18	Deported.
Emery, Frank D.	M.		"	New Hampshire	Dec.	27, 1910	3	16	Recovered.
Sullivan, Mary	F.		"	"	Dec.	24, 1910	1	9	Eloped.
Emery, Frank D.	M.		"	Maine	Jan.	1, 1911	1	9	Home on a visit.
Rollins, Ella M.	F.		"	Massachusetts	Jan.	6, 1911	2	28	Recovered from alcoholism.
Croke, Patrick	M.		Single.	Ireland	Jan.	12, 1911	12	22	Trans. to Danvers State Asylum.
Winters, Hilma	F.		Married.	Finland	Jan.	14, 1911	1	22	Recovered from alcoholism.
Pollard, Alvina A.	"		"	Vermont	Jan.	20, 1911	5	16	Recovered.
Donovan, Sarah	M.		"	England	Jan.	23, 1911	2	14	Improved.
Hurd, Clinton R.	"		"	Maine	Jan.	27, 1911	1	1	Recovered.
Epenas, Angelica	F.		"	Syria	Jan.	29, 1911	2	4	"
Townes, Arthur H.	M.		Single.	New Hampshire	Feb.	9, 1911	6	6	"
Sargent, Charles H.	"		"	"	Feb.	9, 1911	17	20	"
Royer, Joseph D.	"		Married.	Michigan	Feb.	9, 1911	4	17	"
Landry, Nelson J.	"		"	Vermont	Feb.	19, 1911	1	13	"
Morton, Alice A.	F.		Single.	New Hampshire	Feb.	27, 1911	1	4	Much improved.
Simcs, Alice M.	M.		Widowed	Massachusetts	March 1, 1911	2	1	14	Recovered.
Johnson, Dwight H.	"		Married.	New York	March 1, 1911	6	9	Not improved.	
Milroe, William J.	F.		Widowed	New Hampshire	March 4, 1911	3	10	Recovered.	
Gray, Mary E.	"		Married.	"	March 10, 1911	4	22	"	
Woodward, Nathaniel F.	M.		Single.	"	March 15, 1911	24	15	"	
Hannon, Mary	F.		"	Greece	March 15, 1911	1	17	Improved.	
Frageorge, George	M.		Married	New Hampshire	March 16, 1911	1	10	Recovered.	
Probst, Dorothy M.	F.		Divorced	"	March 23, 1911	8	6	Eloped.	
Hodsdon, A. Herman	M.		Single.	"	March 25, 1911	3	15	Not improved.	
Hodsdon, Lucius M.	"		"	"	March 27, 1911	1	3	Recovered.	

TABLE No. 2.—Continued.—DISCHARGES.

NAME.		AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.
		Years.	Male.	Female.	Color.			Single, married or widowed.	Years.	Months.	
Ham, Theron.....	30	M.	.....	W.	Single.....	New Hampshire	March 30, 1911	1	5	2	Recovered. Home on trial.
Larney, Michael.....	..	"	.....	"	.....	.....	April 2, 1911	..	..	..	Eloped.
Dumont, Joseph.....	..	"	.....	"	.....	.....	April 6, 1911	..	..	..	Recovered.
Manning, James.....	19	"	.....	"	Single.....	New York..	April 9, 1911	..	3	..	On trial. Did not return.
Moore, Hannah S.....	60	"	F.	"	Married.....	.....	April 14, 1911	..	9	18	On a visit.
Sullivan, Mary A.....	60+	M.	.....	"	Single.....	Massachusetts.	April 14, 1911	..	9	27	Recovered.
Thomas, Arthur T.(Carr)	27	"	F.	"	Married.....	Germany	April 17, 1911	1	1	18	Not improved. Against advice.
Ridel, Ida.....	43	M.	.....	"	Single.....	New Hampshire.	April 22, 1911	1	2	27	Much improved.
Sargent, Frank W.....	51	"	F.	"	Single.....	Massachusetts.	April 24, 1911	1	4	8	Recovered from alcoholism.
Malloy, Mary.....	29	M.	.....	"	Widowed.....	New Hampshire	April 25, 1911	..	11	13	Eloped. Improved.
Gibson, Wilbert.....	52	"	F.	"	Single.....	Quebec.....	April 25, 1911	..	7	22	Not improved.
Rossau, Melina.....	21	M.	.....	"	Married.....	P. E. Island.	April 29, 1911	..	9	13	Recovered.
Arsenault, Benjamin.....	33	"	F.	"	"	Canada.....	April 29, 1911	..	1	1	Much improved.
Dequander, Deneige.....	52	"	"	"	"	Vermont.....	May 2, 1911	..	1	17	Recovered.
Titus, Addie S.....	40	M.	.....	"	Single.....	Scotland.....	May 6, 1911	..	3	20	"
Kean, Robert F.....	38	"	F.	"	Single.....	Finland.....	May 9, 1911	..	3	1	Improved.
Matson, Annie.....	22	M.	.....	"	Single.....	Nova Scotia..	May 10, 1911	..	3	18	On trial.
Purdy, William.....	17	"	.....	"	Single.....	Massachusetts.	May 12, 1911	..	7	20	Much improved.
Schofield, Stewart.....	..	"	.....	"	Married.....	Russia.....	May 13, 1911	..	1	15	"
Jennings, John.....	31	M.	.....	"	Single.....	New Hampshire	May 16, 1911	1	2	20	Not improved.
Gulbin, Margaret.....	31	"	F.	"	Married.....	Ireland.....	May 17, 1911	..	3	28	Much improved.
Dumont, Joseph.....	51	M.	.....	"	Married.....	Vermont.....	May 18, 1911	..	9	25	Not improved.
Magan, Mary.....	48	"	"	"	"	United States..	May 21, 1911	..	1	10	"
Moorehouse, Herbert E.	53	"	"	"	Single.....	.....	May 22, 1911	1	3	26	Eloped. Much improved. (Did not return.)
Parsons, Oliver D.....	46	"	"	"	Married.....	New Hampshire	May 23, 1911	..	28	28	Recovered.
Brazier, Walter S.....	37	M.	.....	"	Single.....	Massachusetts.	May 24, 1911	..	3	22	"
Caswell, Frank.....	36	"	F.	"	Single.....	Canada.....	May 24, 1911	..	3	22	"
Perkins, Louise M. T.....	37	M.	.....	"	Single.....	.....	May 24, 1911	..	3	22	"
Larney, Michael.....	..	"	.....	"	.....	.....	May 24, 1911	..	3	22	"

Whittemore, George W.	85	M.	W.	Widowed	New Hampshire	May 27, 1911	9	Improved.
Philip, Raphael	20			Married	Turkey	June 1, 1911	2	Much improved.
Marston, Lulie S.	26	F.		Single	New Hampshire	June 10, 1911	4	On a visit.
Zinn, Agnez	20-30					June 14, 1911	16	Recovered from alcoholism.
Bashon, Nathan	33	M.		Married	Massachusetts	June 15, 1911	15	
Nutting, Porter	60	"		"		June 15, 1911	2	Much improved.
Cross, Frank E.	47	"		"		June 15, 1911	9	Recovered from alcoholism.
Hovey, John	39			Single	New Brunswick	June 16, 1911	5	Recovered.
Carroll, Catherine	29	F.			Ireland	June 16, 1911	1	
McCallion, Sarah	29					June 17, 1911	1	Eloped.
Osgood, George	64	M.		Married	New Hampshire	June 17, 1911	8	Improved.
Durbin, George A.	40	"		Single	United States	June 20, 1911	6	Eloped. Did not return.
Meserve, Arthur W.	42					June 21, 1911	3	Eloped.
Cobb, Fay Hill	42	F.		Married	Nova Scotia	June 22, 1911	16	Improved.
Lockhart, Maud U.	76	M.		Single	United States	June 22, 1911	2	
Cram, Ellen	49			Widowed	New Hampshire	June 29, 1911	6	Much improved.
Robbs, Josiah H.	41	"		Married	Ireland	June 30, 1911	1	Eloped. Did not return.
Blood, Fred	29	"		Single	Ireland	July 3, 1911	3	Recovered from alcoholism.
Fitzmorris, Patrick	29	"		Married	Ireland	July 3, 1911	1	Eloped.
Cook, Benjamin	36	"				July 8, 1911	9	Recov'd from acute alcoholism.
Egan, Thomas F.	24	F.		Single	P. E. Island	July 8, 1911	16	
Cannon, John	44	M.				July 14, 1911	1	Recovered.
Walsh, Emma	41	"		Married	Ireland	July 15, 1911	5	Recovered from alcoholism.
Heath, Will	30	F.		"	England	July 15, 1911	7	Recovered.
Shields, Peter	57	"		"	Maine	July 17, 1911	2	Not improved.
Bennett, John A.	44	"		"	New Hampshire	July 17, 1911	6	Recovered from hysteria.
Skidmore, Henrietta	21	M.		"	Sweden	July 22, 1911	5	Much improved.
Winkley, Arabella	42			Single	Ireland	July 22, 1911	3	
Cole, Selma	42			Married	Quebec	July 24, 1911	10	Improved.
Cashien, Martin	42	F.			New Hampshire	July 24, 1911	1	Much improved.
Jacques, Lewis	77	"			Sweden	July 28, 1911	2	Recovered.
Leavitt, Fannie	27	M.		Widowed	New Hampshire	Aug. 1, 1911	5	Much improved.
Peterson, Maria	23	"		Single	Canada	Aug. 3, 1911	2	
Leighton, Martha R.	47	"		"	New Hampshire	Aug. 3, 1911	4	Recovered from alcoholism.
Babin, Alphonse	53	M.		"	Ireland	Aug. 5, 1911	1	Eloped. Did not return.
Hastings, Wesley H.	37	"		"		Aug. 5, 1911	5	Recovered.
Jennings, John	38	F.		Married		Aug. 6, 1911	4	On a visit.
Steele, Carrie	33	"		Single	New Hampshire	Aug. 7, 1911	4	Eloped.
Lord, Georgianna	38	"		Married		Aug. 9, 1911	27	Recovered.
Creteau, Frederick	38	F.		Single	New Hampshire	Aug. 9, 1911	3	Not improved.
Drew, George H.	39	"		Married	New York	Aug. 11, 1911	2	Recovered.
Ramsey, Mary L.		"				Aug. 11, 1911	29	On a visit.
Sullivan, Mary A.		"				Aug. 12, 1911	22	Improved.
Evans, Alice J.		"						

TABLE NO. 2.—Continued.—DISCHARGES.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.
	Years.	Male.	Female.	Color.			Years.	Months.	Days.	
Sullivan, Patrick .....	38	M.	.....	W.	Ireland.....	Aug. 12, 1911	...	3	3	Recovered from alcoholism.
Royt, Willis .....	51	"	.....	"	New Hampshire	Aug. 13, 1911	1	3	14	Eloped. Did not return.
Weymouth, Louise N. ....	23	"	F.	"	"	Aug. 1, 1911	...	23	9	Improved.
Hannaford, George A. ....	44	M.	.....	"	"	Aug. 19, 1911	4	11	9	Eloped. Did not return.
Dufresne, Ludwig J. ....	39	"	.....	"	Quebec.....	Aug. 23, 1911	...	1	9	Recovered.
Stone, Fred W. ....	42	"	.....	"	Massachusetts.	Aug. 23, 1911	...	1	16	Recovered from alcoholism.
Batchelder, Frank G. ....	44	"	.....	"	New Hampshire	Aug. 23, 1911	1	9	1	Much improved.
Zinn, Agnez. ....	28	"	F.	"	Germany .....	Aug. 28, 1911	...	3	20	Not improved.
Beauchesne, Isaac .....	80	M.	.....	"	Canada .....	Aug. 31, 1911	2	1	14	Improved.
<i>Persons discharged from the Rockingham County Asylum during the year ending August 31, 1911.</i>										
Kierstead, Thomas .....	70	M.	.....	W.	American.....	Oct. 16, 1910	...	2	12	Sent to Westboro Asylum.
Marcoux, Mary .....	18	"	F.	"	French .....	Nov. 14, 1910	...	2	9	Taken to State Asylum.
Elser, Roy .....	21	M.	.....	"	American.....	June 19, 1911	...	6	19	"
Nydam, George .....	65	"	.....	"	Dutch .....	June 19, 1911	1	2	7	"
Roberts, William P. ....	33	"	.....	"	American.....	April 17, 1911	...	...	14	"
Edney, Josephine. ....	41	"	F.	"	"	Jan. 9, 1911	...	...	7	"
Babin, Alphonse. ....	26	M.	.....	"	French .....	May 29, 1911	...	...	3	"
<i>Persons discharged from the Strafford County Asylum during the year ending August 31, 1911.</i>										
Tibbetts, Ann M. ....	73	.....	F.	W.	American.....	Sept. 28, 1910	...	3	..	Insane.



*Persons discharged from the Belknap County Asylum during the year ending August 31, 1911.*

None.

*Persons discharged from the Carroll County Asylum during the year ending August 31, 1911.*

None.

*Persons discharged from the Merrimack County Asylum during the year ending August 31, 1911.*

	F.	W.	Widowed	American.	Jan. 11, 1911	18	7	24	Transferred to State Hospital.
Archibald, Olive.....	75	"	"	American.....	Jan. 11, 1911	26	6	2	"
Chamberlain, Martha.....	77	"	"	Canadian.....	Jan. 11, 1911	26	2	28	"
Durant, Delphine.....	48	"	Married.....	American.....	Dec. 21, 1910	18	2	17	"
Haws, Alice.....	45	"	"	"	Nov. 22, 1910	10	11	7	"
Hill, Emma.....	62	"	Single.....	"	Nov. 29, 1910	7	4	22	"
Leavitt, Mary J.....	72	"	Widowed.....	"	Jan. 11, 1911	14	9	12	"
Parkinson, Eliza.....	44	"	Single.....	"	Jan. 11, 1911	26	23	"	"
Putnam, Emma.....	55	"	"	"	Jan. 11, 1911	13	3	4	"
Quindley, Mary.....	47	"	Married.....	"	Jan. 11, 1911	12	10	1	"
Whitman, Mary.....	86	"	Single.....	"	Nov. 22, 1910	22	1	18	"
Wells, Eliza.....	60	"	"	"	Nov. 22, 1910	28	9	11	"
Carter, Mary.....	58	"	Widowed.....	"	Nov. 29, 1910	6	4	7	"

*Persons discharged from the Hillsborough County Asylum during the year ending August 31, 1911.*

Shea, James.....	49	M.	W.	Single.....	Irish.....	April 27, 1911	12	..	Not improved.
Kandarian, Wanzer.....	26	F.	"	Married.....	Syrian.....	April 11, 1911	..	6	Trans. to N. H. State Hospital.
Morgan, James E.....	32	M.	"	Single.....	American.....	April 18, 1911	..	14	Improved.
Dacey, John.....	31	"	"	"	"	Oct. 18, 1910	..	21	Trans. to N. H. State Hospital.
Walker, Della.....	37	F.	"	Married.....	Irish.....	Oct. 18, 1910	..	..	"
Webber, Fred.....	18	M.	"	Single.....	American.....	Dec. 22, 1910	1	..	"
Hart, Frank.....	51	"	"	Widowed.....	"	Jan. 1, 1911	..	3	"
Shea, William.....	30	"	"	Single.....	Irish.....	April 27, 1911	10	..	"
Fitzmorris, Patrick.....	41	"	"	Married.....	American.....	May 23, 1911	..	17	"
Stackpole, Daniel E.....	45	"	"	Single.....	Polander.....	May 23, 1911	..	3	"
Christian, John.....	23	"	"	Married.....	American.....	June 17, 1911	..	14	"
Stone, Fred W.....	42	"	"	Single.....	"	July 7, 1911	..	11	"
Still, Jesse.....	32	"	"	Widowed.....	Scotch.....	July 25, 1911	..	5	"
Lyons, Ellen.....	55	F.	"	"	"	Aug. 22, 1911	..	12	"

TABLE NO. 2.—Continued.—DISCHARGES.

*Persons discharged from the Cheshire County Asylum during the year ending August 31, 1911.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.
	Years.	Male.	Female.	Color.	Single, married or widowed.		Years.	Months.	Days.	
Briant, Ernest.....	21	M. ....	.....	W.	Single....	American .....	...	1	12	

*Persons discharged from the Sullivan County Asylum during the year ending August 31, 1911.*

None.

*Persons discharged from the Grafton County Asylum during the year ending August 31, 1911.*

None.

*Persons discharged from the Coös County Asylum during the year ending August 31, 1911.*

Crowley, Jeff.....	50	M. ....	.....	W.	Single....	Irish .....	April 26, 1911	3	26	Unimproved.
	41	" .....	.....	"	" .....	French.....	May 16, 1911	..	21	



# DEATHS.

1911.

TABLE No. 3.—DEATHS.

*Persons who died at the New Hampshire State Hospital during the year ending August 31, 1911.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of death.	Cause of death.
	Years.	Male.	Female.	Color.			
Eugene W. Stevens.....	51	M.	..	W.	New Hampshire.	Sept. 2, 1910	Exhaustion in senile dementia.
Arthur Corriveau.....	21	"	..	"	Canada.....	Sept. 3, 1910	Acute endocarditis.
John J. Dyer.....	40	"	..	"	England.....	Sept. 11, 1910	Epilepsy.
Joshua F. O'Leary.....	35	"	..	"	Massachusetts..	Sept. 18, 1910	Exhaustion in insanity.
James O'Leary.....	41	"	..	"	Ireland.....	Sept. 18, 1910	Paresis.
George White.....	46	"	..	"	"	Sept. 19, 1910	Paresis.
Olive Bird.....	73	"	F.	"	Canada.....	Sept. 19, 1910	Senility.
Isabel Smith.....	50	"	"	"	Massachusetts..	Sept. 20, 1910	Cerebral hemorrhage.
Abbie Upham.....	78	"	"	"	Maine.....	Sept. 22, 1910	Senility.
Catherine J. Mohr.....	36	"	"	"	Ireland.....	Sept. 28, 1910	Surgical shock.
Emma A. Mead.....	57	"	"	"	New Hampshire.	Sept. 29, 1910	Strangulation (suicidal).
Frances Bartlett.....	73	"	"	"	Vermont.....	Oct. 4, 1910	Organic heart disease.
Carrie F. Woodman.....	61	"	"	"	New Hampshire.	Oct. 4, 1910	Organic heart disease.
Leontine Fortier.....	31	"	"	"	Canada.....	Oct. 5, 1910	Organic heart disease.
Abbie Eaton.....	55	"	"	"	New Hampshire.	Oct. 6, 1910	Cerebral hemorrhage.
George Hodgeman.....	37	M.	"	"	"	Oct. 6, 1910	Exhaustion in melancholia.
Helen J. Allen.....	37	"	F.	"	P. Q.....	Oct. 7, 1910	Cerebral hemorrhage in paresis.
Berton Wallace.....	28	M.	"	"	New Hampshire.	Oct. 7, 1910	Tubercular enteritis.
Daphne P. Barker.....	63	"	F.	"	"	Oct. 12, 1910	Organic heart disease.
Fred A. Lane.....	65	M.	"	"	United States....	Oct. 15, 1910	Organic heart disease.
Josephine J. Reese.....	57	"	F.	"	Canada.....	Oct. 26, 1910	Organic heart disease.
George Papinau.....	65	"	"	"	Vermont.....	Oct. 27, 1910	Exhaustion in melancholia.
David Clay.....	65	"	"	"	"	Oct. 27, 1910	Organic dementia.
Sewall Hale.....	76	"	"	"	New Hampshire.	Oct. 29, 1910	Organic heart disease.
Mignonette Seavey.....	35	"	"	"	Massachusetts..	Oct. 29, 1910	Chronic endocarditis.
George B. Drago.....	76	M.	F.	"	Italy.....	Nov. 3, 1910	Pulmonary tuberculosis.
Coolidge Trask.....	76	"	"	"	Massachusetts..	Nov. 8, 1910	Paresis.
Carrie P. Thompson.....	32	"	F.	"	Maine.....	Nov. 14, 1910	Pulmonary tuberculosis.

William Cronin .....	52	M.	W.	Married ..	Ireland .....	Nov.	14, 1910	Cerebral hemorrhage.
Lester H. Locke .....	47	"	"	Single .....	New Hampshire.	Nov.	16, 1910	Exhaustion in melancholia.
John H. Cheever .....	64	"	"	Married ..	" ..	Nov.	18, 1910	Cerebral hemorrhage.
George D. Peaslee .....	69	"	"	" ..	" ..	Nov.	18, 1910	Organic heart disease.
Phoebe Jolin .....	31	F.	"	Single .....	Canada .....	Nov.	19, 1910	Chronic parenchymatous nephritis.
Caroline P. Farrar .....	41	"	"	Married ..	New Hampshire.	Nov.	21, 1910	Lobar pneumonia.
Harriet A. Chadwick .....	75	"	"	Widowed ..	" ..	Nov.	25, 1910	Cerebral hemorrhage.
Emma F. Freeman .....	58	"	"	Married ..	Vermont .....	Nov.	27, 1910	Chronic interstitial nephritis.
Mary Drowd .....	42	"	"	Widowed ..	New Hampshire.	Nov.	30, 1910	Organic dementia.
James Bourdreau .....	51	M.	"	Single .....	" ..	Nov.	30, 1910	Cerebral hemorrhage.
Martin Brooks .....	48	"	"	Married ..	Maine .....	Dec.	2, 1910	Organic heart disease.
Frank E. Kidder .....	42	"	"	Single .....	Massachusetts ..	Dec.	10, 1910	Pulmonary tuberculosis.
David Bryden .....	40	"	"	Married ..	Scotland .....	Dec.	12, 1910	Pulmonary tuberculosis.
Kate F. Trumbull .....	52	"	"	" ..	New Hampshire.	Dec.	14, 1910	Suicide by strangulation.
Cornelia A. White .....	45	F.	"	" ..	Kentucky .....	Dec.	15, 1910	Chronic myocarditis.
Lester Powhattan .....	24	M.	"	" ..	Indiana .....	Dec.	16, 1910	Exhaustion in dementia praecox.
Emma Hill .....	63	"	"	Single .....	United States ..	Dec.	18, 1910	Broncho pneumonia.
Mary Whitman .....	86	F.	"	" ..	New Hampshire.	Dec.	26, 1910	Broncho pneumonia.
Juliette Fuller .....	73	"	"	" ..	" ..	Dec.	28, 1910	Broncho pneumonia.
Nellie M. Womack .....	37	"	"	Married ..	" ..	Jan.	6, 1911	Organic heart disease.
Mary Jenness .....	47	"	"	" ..	" ..	Jan.	6, 1911	Exhaustion in manic depressive insanity.
Avis E. Holmes .....	65	"	"	" ..	Massachusetts ..	Jan.	9, 1911	Chronic myocarditis.
Francis McNealley .....	80	M.	"	Widowed ..	Ireland .....	Jan.	9, 1911	Broncho pneumonia.
Sam C. Dwinell .....	77	"	"	Single .....	New Hampshire.	Jan.	9, 1911	Valvular disease of the heart.
Maria W. Buttrick .....	76	"	"	Widowed ..	Massachusetts ..	Jan.	10, 1911	Exhaustion in senile dementia.
John Nelson .....	87	F.	"	Single .....	United States ..	Jan.	11, 1911	Organic heart disease.
Carlos Cutler .....	63	"	"	Married ..	Vermont .....	Jan.	15, 1911	Senile gangrene.
Samuel Leclair .....	48	"	"	" ..	" ..	Jan.	17, 1911	Cerebral hemorrhage.
Maria Soudon .....	54	"	"	Single .....	Massachusetts ..	Jan.	17, 1911	Chronic interstitial nephritis.
Francis S. Sleeper .....	78	M.	"	Married ..	New Hampshire ..	Jan.	20, 1911	Psychonephritis.
Moses Adams .....	77	"	"	" ..	" ..	Jan.	28, 1911	Valvular disease of the heart.
Poll Woolen (Wolnagwicz) ..	47	"	"	" ..	Poland .....	Jan.	28, 1911	Pulmonary tuberculosis.
Ancil C. Hall .....	76	"	"	Divorced ..	New Hampshire.	Jan.	29, 1911	Aortic stenosis.
Commodore P. Follansbee ..	57	"	"	Single .....	" ..	Jan.	30, 1911	Cerebral embolism.
Mitchell Grenier .....	77	"	"	Married ..	Canada .....	Feb.	3, 1911	Myocarditis.
Warren Parker .....	34	"	"	" ..	New Hampshire.	Feb.	9, 1911	Acute cardiac dilation.
Mary E. Miner .....	49	"	"	Single .....	" ..	Feb.	10, 1911	Epilepsy.
Samuel S. Amazon .....	72	M.	"	Married ..	" ..	Feb.	11, 1911	Organic heart disease.
James F. Leaver .....	53	"	"	Widowed ..	New Hampshire.	Feb.	17, 1911	Pulmonary aneurysm (cardiac).
Catherine J. Webster .....	82	"	"	" ..	" ..	Feb.	19, 1911	Cerebral hemorrhage.
Elizabeth Mills .....	70	"	"	Married ..	United States ..	Mar.	2, 1911	Fatty degeneration of heart.
Warren D. Gillis .....	55	M.	"	Single .....	New Hampshire.	Mar.	3, 1911	Chronic Bright's disease.
Peter Vachon .....	38	"	"	" ..	Massachusetts ..	Nar.	3, 1911	Acute nephritis.

TABLE No. 3.—Continued.—DEATHS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of death.	Cause of death.
	Years.	Male.	Female.	Color.			
Ann Thompson .....	82	.....	F.	W.	England .....	Mar. 6, 1911	Chronic Bright's disease.
Aubrey Luscomb .....	57	M.	.....	.....	America .....	Mar. 7, 1911	Chronic nephritis.
Blanche A. Workman .....	38	.....	F.	.....	New Hampshire .....	Mar. 11, 1911	Uremia in chronic Bright's disease.
Emerson Davis .....	67	M.	.....	.....	Vermont .....	Mar. 12, 1911	Volvulus of intestine.
Herbert E. Farnham .....	54	.....	.....	.....	New Hampshire .....	Mar. 24, 1911	Valvular disease of the heart.
John Moore .....	66	.....	.....	.....	" .....	Mar. 27, 1911	Valvular disease of the heart.
Bessie Ahern .....	23	.....	F.	.....	" .....	Mar. 28, 1911	Pulmonary tuberculosis.
Katherine Gleason .....	74	.....	.....	.....	Ireland .....	Mar. 29, 1911	Diarrhoea and enteritis.
Oliver Dodge .....	70	M.	.....	.....	New Hampshire .....	Mar. 31, 1911	Septicemia.
Timothy Bresnahan .....	23	.....	.....	.....	" .....	Mar. 31, 1911	Typhoid fever.
Charles Foss .....	61	.....	.....	.....	" .....	April 8, 1911	Epilepsy.
Hubbard Marshall .....	60	.....	.....	.....	" .....	April 14, 1911	Broncho pneumonia.
Oliver H. Lord .....	48	.....	.....	.....	" .....	April 21, 1911	Chronic Bright's disease.
Mary Carter .....	59	.....	.....	.....	" .....	April 22, 1911	Cerebral hemorrhage.
Roxanna Richardson .....	69	.....	F.	.....	" .....	April 26, 1911	Chronic interstitial nephritis.
John F. Warren .....	64	M.	.....	.....	" .....	May 2, 1911	Acute congestion of lungs in epilepsy.
Mary Carroll .....	48	.....	F.	.....	" .....	May 7, 1911	Valvular disease of the heart.
Hattie Young .....	28	.....	.....	.....	" .....	May 8, 1911	Coronary embolism.
Frank E. Stewart .....	49	M.	.....	.....	" .....	May 11, 1911	Mitral regurgitation.
Otis T. Hooper .....	72	.....	.....	.....	" .....	May 18, 1911	Chronic endocarditis.
Freeman D. Lucas .....	51	.....	.....	.....	Massachusetts .....	May 22, 1911	Pulmonary tuberculosis.
John H. Canney .....	39	.....	.....	.....	New Hampshire .....	May 26, 1911	Epilepsy.
Frank McMillen .....	79	.....	.....	.....	Prince Edw'd Isl.	May 31, 1911	Chronic myocarditis.
Morris Christie .....	33	.....	.....	.....	United States .....	June 4, 1911	Paresis.
John Rath .....	78	.....	.....	.....	" .....	June 5, 1911	Cerebral hemorrhage.
Evelyn Tuck .....	41	.....	.....	.....	New Hampshire .....	June 7, 1911	Paresis.
William O. Davidson .....	33	.....	.....	.....	" .....	June 9, 1911	Valvular disease of the heart.
Daniel Clay .....	81	M.	.....	.....	New Hampshire .....	June 12, 1911	Hypostatic pneumonia.
Olive M. Morgan .....	79	.....	F.	.....	" .....	June 18, 1911	Chronic interstitial nephritis.

M.	W.	Married.	New Hampshire.	June	21, 1911	Mitral insufficiency.
Amasa Fuller.....	.....	Widowed.	New Hampshire.	June	25, 1911	Fareis.
Herbert W. Cook.....	F.	Married.	Canada.....	June	27, 1911	Epilepsy.
Dolphine Durant.....	.....	Married.	United States.....	July	3, 1911	Aortic stenosis and mitral insufficiency.
Charles R. McCollum.....	.....	Single.	New Hampshire.	July	3, 1911	Pulmonary tuberculosis.
William Solon.....	F.	Widowed.	"	July	3, 1911	Cerebral hemorrhage in paresis.
Jennie L. Carr.....	.....	Married.	"	July	3, 1911	Heat exhaustion and organic heart disease.
George W. Brown.....	.....	"	New Brunswick.	July	4, 1911	Heat exhaustion.
William Brooks.....	.....	"	Canada.....	July	8, 1911	Broncho pneumonia.
Eugene Cayu.....	.....	"	"	July	9, 1911	Mitral insufficiency.
Joseph O'Connor.....	.....	Single.	New Hampshire.	July	10, 1911	Chronic interstitial nephritis.
Ida E. Hadley.....	F.	Married.	Vermont.....	July	11, 1911	Heat exhaustion.
Abbie Fisk.....	.....	Single.	Italy.....	July	14, 1911	Pulmonary tuberculosis.
Gregoire DeLucia.....	.....	Single.	Canada.....	July	15, 1911	Pulmonary embolism.
Alma Ancill.....	F.	"	Ireland.....	July	15, 1911	Pulmonary tuberculosis.
Isaac B. Pineo.....	.....	Married.	Nova Scotia.....	July	18, 1911	Arteriosclerosis.
Emmaline McPherson.....	F.	Widowed.	New Hampshire.	July	18, 1911	Cerebral hemorrhage.
Eliza Currier.....	.....	Married.	Ireland.....	July	20, 1911	Cerebral hemorrhage.
Hermine Bellemare.....	"	"	Canada.....	July	23, 1911	Arteriosclerosis.
Edward F. Tedford.....	M.	"	Nova Scotia.....	Aug.	1, 1911	Secondary anemia.
Julia F. Gay.....	F.	"	New Hampshire.	Aug.	7, 1911	Enterocolitis.
Ellen F. Davis.....	.....	"	Maine.....	Aug.	19, 1911	Exhaustion in acute mania.
George A. Chick.....	.....	"	Canada.....	Aug.	20, 1911	Gastroenteritis.
Sarah L. Melancon.....	F.	"	New Hampshire.	Aug.	20, 1911	Aortic and mitral valvular disease.
Ira Brown.....	.....	Widowed.	"	Aug.	26, 1911	Hypostatic pneumonia.
Charles Abbott.....	.....	Single.	"	Aug.	27, 1911	Cerebral hemorrhage.
Ella F. Burns.....	F.	Married.	Vermont.....	Aug.	29, 1911	Chronic Bright's disease.
Flora L. Smith.....	.....	Single.	Scotland.....	Aug.	30, 1911	Arteriosclerosis.
Alexander Dawson.....	M.	"	New Hampshire.	Aug.	30, 1911	Mitral regurgitation.
Charles C. Cheney.....	.....	"	"	Aug.	31, 1911	Pulmonary tuberculosis.
Ethel L. Hardy.....	F.	"	"	Aug.	31, 1911	"

## Persons who died at the Rockingham County Asylum during the year ending August 31, 1911.

Clara B. White.....	34	W.	American.....	Dec.	15, 1910	Bright's disease.
Mary Dechane.....	34	F.	French.....	July	11, 1911	Pneumonia, epilepsy.

Persons who died at the Strafford County Asylum during the year ending August 31, 1911.  
None.

TABLE No. 3.—Continued.—DEATHS.

*Persons who died at the Belknap County Asylum during the year ending August 31, 1911.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of death.	Cause of death.
	Years.	Male.	Female.	Color.			
Josephine Swain.....	19	.....	F.	W.	Single ....	American .....	Oct. 20, 1910 Insanity.

*Persons who died at the Carroll County Asylum during the year ending August 31, 1911.*

Frank Heath.....	58	M. ....	.....	W.	Single ....	American .....	July 15, 1911 Dropsy.
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*Persons who died at the Merrimack County Asylum during the year ending August 31, 1911.*

None.

*Persons who died at the Hillsborough County Asylum during the year ending August 31, 1911.*

Margaret Bundy.....	47	.....	F.	W.	Widowed ..	Irish.....	Sept. 7, 1910 Chronic endocarditis.
Nahum B. Dickey .....	64	M. ....	.....	"	Married ..	American .....	Aug. 2, 1911 Cerebral hemorrhage.
Lizzie Starr .....	49	.....	F.	"	Single ....	English .....	Nov. 22, 1910 Acute pulmonary edema.
Margaret Carroll .....	64	.....	.....	"	Married ..	Irish .....	July 27, 1911 Cancer of stomach.

*Persons who died at the Cheshire County Asylum during the year ending August 31, 1911.*

Ellen Revoir.....	47	F.	W.	Widowed.	French .....	July	11, 1911	Heat exhaustion.
Carrie M. Ingalls .....	55	.....	.....	Single ....	American .....	Feb.	2, 1911	Epilepsy.

*Persons who died at the Sullivan County Asylum during the year ending August 31, 1911.*

John Dugan.....	53	M.	W.	Single ....	Irish .....	Nov.	26, 1910	Suicide by hanging.
Edward Hallihan.....	85	.....	.....	.....	.....	Sept.	14, 1910	Old age.
Mary Putney.....	81	F.	.....	Widowed .	" .....	Oct.	19, 1910	Shock.
John Endicott.....	89	M.	.....	Single ....	American .....	May	1, 1911	Old age.

*Persons who died at the Grafton County Asylum during the year ending August 31, 1911.*

None.

*Persons who died at the Coös County Asylum during the year ending August 31, 1911.*

None.





# COMMITMENTS.

1912.

TABLE NO. 4.—COMMITMENTS.

*Persons committed to the New Hampshire State Hospital during the year ending August 31, 1912.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of Commitment.	Where from.
	Years.	Male.	Female.	Color.			
Rosalind Russell.....	39	.....	F.	W.	New Hampshire.....	Sept. 1, 1911	Manchester.
Oddie Clautier.....	39	.....	.....	"	Canada.....	Sept. 1, 1911	"
Cherlie Narsiffe.....	22	M.	.....	Single.	Syria.....	Sept. 2, 1911	Dover.
Mary Dunn.....	18	.....	F.	"	New Hampshire.....	Sept. 5, 1911	Walpole.
Mary E. Tarbell.....	71	.....	.....	Widowed.	"	Sept. 5, 1911	Peterborough.
John Pound.....	66	M.	.....	Married.	"	Sept. 6, 1911	Dover.
Herman Higgins.....	16	.....	.....	Single.	"	Sept. 6, 1911	Manchester.
George H. Bassett.....	35	"	.....	"	"	Sept. 6, 1911	Concord.
Charles B. Goodwin.....	60	"	.....	"	"	Sept. 7, 1911	Mason.
Bridget Egan.....	42	.....	F.	"	Ireland.....	Sept. 9, 1911	Manchester.
Carrie S. Putney.....	53	.....	.....	"	New Hampshire.....	Sept. 11, 1911	Sutton.
Allie O. Kempton.....	27	M.	.....	"	"	Sept. 12, 1911	Keene.
Edward Keating.....	41	.....	.....	"	"	Sept. 12, 1911	Portsmouth.
Edward M. Sabin.....	26	.....	.....	Married.	"	Sept. 13, 1911	Concord.
William E. Hurlbert.....	50	.....	.....	"	"	Sept. 13, 1911	Clarksville.
Urban Terrill.....	38	.....	.....	"	"	Sept. 13, 1911	West Stewartstown.
Martin P. Trefethen.....	54	"	.....	Single.	"	Sept. 13, 1911	Rye.
Charles W. Bean.....	81	.....	.....	Married.	"	Sept. 15, 1911	Newfields.
Frank Moreau.....	43	"	.....	Widowed.	Canada.....	Sept. 16, 1911	Manchester.
George A. Heath.....	59	"	.....	Married.	"	Sept. 17, 1911	Claremont.
Frederick E. Garland.....	55	"	.....	"	New Hampshire.....	Sept. 18, 1911	Bartlett.
James Lord.....	64	"	.....	"	Maine.....	Sept. 23, 1911	Exeter.
Joseph Morris.....	65	"	.....	"	Canada.....	Sept. 25, 1911	Bethlehem.
Charlotte B. Day.....	58	.....	F.	"	"	Sept. 26, 1911	Manchester.
Hannah S. Moore.....	60	.....	"	Widowed.	New Hampshire.....	Sept. 26, 1911	Merrimack.
Mary E. Gardner.....	20	.....	"	Single.	United States.....	Sept. 27, 1911	Nashua.





Harriet Davis .....	29	M.	F.	W.	Single .....	New Hampshire.....	Dec.	8, 1911	Hanover.
John H. Chapman .....	28	M.	F.	"	Divorced.....	" .....	Dec.	8, 1911	Franklin.
Hannah E. Dutton .....	25	"	"	"	Widowed .....	" .....	Dec.	9, 1911	Tilton.
Ida Riedel .....	72	"	"	"	Single .....	Prussia .....	Dec.	13, 1911	Manchester.
Carrie Steele .....	28	"	"	"	Married .....	New Hampshire.....	Dec.	13, 1911	Returned from a visit.
Hattie G. Tattersall .....	28	"	"	"	" .....	Sweden .....	Dec.	15, 1911	Lyme.
Selma Cole .....	44	M.	"	"	Single .....	New Hampshire.....	Dec.	18, 1911	Nashua.
Albert Couture .....	21	"	"	"	Married .....	Russia .....	Dec.	20, 1911	Suncook.
Golden Cohen .....	45	"	F.	"	" .....	Canada .....	Dec.	20, 1911	Concord.
Lois E. Bodge .....	75	"	"	"	Widowed .....	Ireland .....	Dec.	21, 1911	Manchester.
Elizabeth McGuire .....	67	"	"	"	Married .....	New Hampshire.....	Dec.	21, 1911	Barnstead.
Mary E. Foss .....	46	"	"	"	Widowed .....	" .....	Dec.	22, 1911	Amherst.
Flora M. Brown .....	43	M.	"	"	Married .....	" .....	Dec.	27, 1911	Concord.
James F. Murray .....	33	"	F.	"	" .....	Vermont .....	Dec.	28, 1911	Plymouth.
Myrtie E. Wells .....	76	"	"	"	Widowed .....	New Hampshire.....	Dec.	30, 1911	Plainfield.
Sarah Carey .....	22	M.	"	"	Single .....	Canada .....	Dec.	31, 1911	Manchester.
William Roscher .....	19	"	F.	"	Married .....	Nova Scotia .....	Jan.	3, 1912	Nashua.
Cora Richard .....	43	"	"	"	" .....	Poland .....	Jan.	3, 1912	Returned from a visit.
Maud U. Lockhart .....	"	M.	"	"	" .....	" .....	Jan.	3, 1912	Keene.
Poolas Kaizerskiss .....	39	"	F.	"	Widowed .....	New Brunswick .....	Jan.	4, 1912	Rochester.
Mary A. Sullivan .....	40	"	"	"	Divorced .....	New Hampshire.....	Jan.	8, 1912	Farmington.
Hannah M. Robinson .....	65	M.	"	"	Married .....	" .....	Jan.	8, 1912	West Concord.
Mary Etta Hayes .....	26	"	"	"	Single .....	" .....	Jan.	10, 1912	Portsmouth.
Charles Dore .....	31	"	F.	"	" .....	Canada .....	Jan.	10, 1912	Berlin.
Arthur B. Spead .....	41	M.	"	"	Married .....	New Hampshire.....	Jan.	10, 1912	Lakeport.
Mabel Harrocks .....	32	"	"	"	" .....	Nova Scotia .....	Jan.	11, 1912	Portsmouth.
Napoleon Parnerleau .....	50	"	F.	"	" .....	" .....	Jan.	11, 1912	Returned from a visit.
Edward J. Roers .....	22	M.	"	"	Single .....	New Hampshire.....	Jan.	13, 1912	Newton.
Harry Rowe .....	58	"	"	"	Married .....	" .....	Jan.	16, 1912	Somersworth.
William B. Cotton .....	40	M.	F.	"	Single .....	United States .....	Jan.	17, 1912	State Prison.
Sarah A. Ramsey .....	29	"	"	"	" .....	Maine .....	Jan.	17, 1912	"
Jerry Kenney .....	26	"	"	"	" .....	New Hampshire.....	Jan.	20, 1912	Belmont.
Arthur Tweed .....	52	"	F.	"	Married .....	Ireland .....	Jan.	21, 1912	Returned from a visit.
Earl G. Dockham .....	39	"	"	"	Widowed .....	New Hampshire.....	Jan.	22, 1912	Concord.
Pearl Badger .....	61	M.	"	"	Single .....	Pennsylvania .....	Jan.	22, 1912	Hooksett.
Rose A. Maynard .....	26	"	"	"	Widowed .....	New Hampshire.....	Jan.	23, 1912	Plainfield.
George W. Lawrence .....	41	"	F.	"	Single .....	" .....	Jan.	24, 1912	Merrimack County Farm.
Melvin E. Sanborn .....	26	M.	"	"	Married .....	New Hampshire.....	Jan.	25, 1912	Somersworth.
Mary O'Donnell .....	42	"	"	"	Single .....	" .....	Jan.	25, 1912	Epping.
James H. Casey .....	60	"	F.	"	Married .....	" .....	Jan.	25, 1912	Dover.
George E. Beede .....	"	"	"	"	" .....	" .....	Jan.	25, 1912	Wilnot Flat.
Alice Foss .....	"	"	"	"	" .....	" .....	Jan.	25, 1912	"
Frank P. Sargent .....	"	"	"	"	" .....	" .....	Jan.	25, 1912	"

TABLE No. 4.—Continued.—COMMITMENTS.

AME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.	Single, married or widowed.		
Albert Knowlton.....	63	M.		W.	Married	Jan. 26, 1912	Harrisville.
Adolph Remillard.....	44	"		"	Widowed	Jan. 26, 1912	Berlin.
Charles A. Keeler.....	33	"		"	Married	Jan. 26, 1912	Launceston.
Margaret Hutchinson..	24	M.	F.	"	"	Feb. 3, 1912	West Milan.
Levi F. Hoyt.....	70	"		"	Widowed	Feb. 6, 1912	Laconia.
Edwin H. Smith.....	52	"		"	Married	Feb. 5, 1912	Returned from elopement.
Herbert E. Moorhouse....	41	"		"	Widowed	Feb. 6, 1912	Concord.
Dexter Garland.....	67	F.		"	"	Feb. 7, 1912	Center Harbor.
Elizabeth Reid.....	77	M.		"	"	Feb. 12, 1912	Manchester.
George W. Watkins.....	67	"		"	Single	Feb. 12, 1912	Colebrook.
Michael Crowley.....	51	"		"	Married	Feb. 12, 1912	Coos County. Farm transfer.
Edna M. Tibbets.....	31		F.	"	Widowed	Feb. 13, 1912	Dover.
Emma Bornstein.....	42	M.		"	Single	Feb. 13, 1912	Colebrook.
Charles Sheridan.....	38	"	F.	"	Married	Feb. 14, 1912	Berlin.
Bertha M. Smith.....	18	M.		"	"	Feb. 14, 1912	Haverhill.
Ora W. Thayer.....	34	M.		"	"	Feb. 15, 1912	Manchester.
Georgianna Houine.....	36	"	F.	"	"	Feb. 15, 1912	Lebanon.
David W. Aldrich.....	65+	M.		"	"	Feb. 16, 1912	Littleton.
Stella Whitcomb.....	18	"	F.	"	"	Feb. 19, 1912	Kennington.
Bernice Robie.....	34	"	"	"	"	Feb. 19, 1912	Berlin.
Winifred Willard.....	37	"	"	"	"	Feb. 22, 1912	Concord.
John P. Ahern.....	42	M.		"	Single	Feb. 25, 1912	Berlin.
Aaron Bennett.....	24	"		"	"	Feb. 25, 1912	Rockingham County Farm.
Frank Hubley.....	23	"		"	Married	March 1, 1912	Manchester.
James Kelley.....	38	"		"	Single	March 1, 1912	Concord.
Daniel Foley.....	28	"		"	Widowed	March 2, 1912	Epping.
Mary B. Brown.....	76	"	F.	"	Married	March 2, 1912	Concord.
Marion Atwood.....	34	"		"	Single	March 4, 1912	New London.
Amanda Phelps.....	56	"	"	"	"		



John Philbrick.....	35	M.	.....	W.	.....	Single	New Hampshire.....	March	4, 1912	Seabrook.
Phoebe Boisvert.....	36	"	F.	"	Married	"	Canada.....	March	5, 1912	Manchester.
Zella Paradis.....	37	"	"	"	"	"	"	March	6, 1912	Derry.
Jack Pratte.....	38	M.	.....	"	Widowed	New Hampshire.....	March	6, 1912	"	
John Duffy.....	39	"	.....	"	Married	"	"	March	7, 1912	Nashua.
Frank E. Sampson.....	40	"	.....	"	Married	"	"	March	8, 1912	Manchester.
William J. Clark.....	43	"	.....	"	Single	Vermont.....	March	9, 1912	Rochester.	
Eliza Perham.....	45	F.	.....	"	Married	Massachusetts.....	March	12, 1912	Clarendon.	
Ada Thibodeau.....	46	"	.....	"	Widowed	New Hampshire.....	March	12, 1912	Derry.	
Martha P. Leary.....	53	"	.....	"	Single	"	Tuftsboro.	March	14, 1912	
Frank J. Caswell.....	54	M.	.....	"	Single	New Hampshire.....	March	14, 1912	Returned from elopement.	
Caroline B. Saunders.....	59	F.	.....	"	Single	Canada.....	March	19, 1912	Rockingham County Farm.	
Virginia Dejarlin.....	60	"	.....	"	Married	New Hampshire.....	March	19, 1912	Epping.	
Eliza Getchell.....	68	"	.....	"	Widowed	New Hampshire.....	March	19, 1912	Grafton County Farm.	
Leland K. Watts.....	22	M.	.....	"	Single	Vermont.....	March	19, 1912	Penacook.	
Mary A. French.....	50	F.	.....	"	Married	New Jersey.....	March	20, 1912	Concord.	
Hope A. Winn.....	23	"	.....	"	Single	New Hampshire.....	March	21, 1912	Piermont.	
Lizzie M. Caldwell.....	26	"	.....	"	Single	Nova Scotia.....	March	21, 1912	Manchester.	
William H. Keenan.....	53	M.	.....	"	Widowed	New Hampshire.....	March	21, 1912	Concord.	
Maggie Sullivan.....	35	"	.....	"	Single	Ireland.....	March	23, 1912	Manchester.	
Mabel Richardson.....	38	"	.....	"	Married	England.....	March	23, 1912		
Oram Dallaire.....	29	M.	.....	"	Single	Canada.....	March	23, 1912		
George A. Heath.....	59	"	.....	"	Married	Nova Scotia.....	March	24, 1912	Clarendon.	
Charles R. Hale.....	44	"	.....	"	Married	New Hampshire.....	March	25, 1912	Barrington.	
Wilbur J. Cate.....	20	"	.....	"	Single	Canada.....	March	26, 1912	Nashua.	
David Fuller.....	61	"	.....	"	Single	Ireland.....	March	26, 1912	Laconia.	
Lizzie Ives.....	51	F.	.....	"	Married	Canada.....	March	27, 1912	Nashua.	
Maria J. Goodreau.....	65	"	.....	"	Widowed	Canada.....	March	27, 1912	Manchester.	
Luella Young.....	46	"	.....	"	Single	New Hampshire.....	March	28, 1912	Concord.	
Elwin J. Gibson.....	68	"	.....	"	Single	Vermont.....	March	30, 1912	Nashua.	
Carrie M. Pollard.....	36	F.	.....	"	Married	New Hampshire.....	March	30, 1912	Bridgewater.	
Florence S. Abbott.....	34	"	.....	"	Married	"	March	30, 1912	Manchester.	
Adelaide H. Torr.....	54	"	.....	"	Single	Syria.....	April	1, 1912	Dover.	
Redwood Haddad.....	24	M.	.....	"	Single	England.....	April	1, 1912	State Prison.	
Allen Probert.....	24	"	.....	"	"	New Hampshire.....	April	2, 1912	Manchester.	
Helen Clement.....	52	F.	.....	"	Married	New Hampshire.....	April	2, 1912	Concord.	
Mary Dickey, alias Wilson	27	"	.....	"	Single	Newfoundland.....	April	4, 1912	Portsmouth.	
Agnes Ducharme.....	41	"	.....	"	Married	New Hampshire.....	April	8, 1912	Penacook, Merrimack Co. Farm.	
Margaret Ahern.....	24	"	.....	"	Married	Ireland.....	April	8, 1912	Concord.	
Michael H. Mulligan.....	27	M.	.....	"	Widowed	New Hampshire.....	April	9, 1912	Manchester.	
Gilbert H. Loveren.....	38	"	.....	"	Single	"	April	10, 1912	Dover.	
Frank W. Grant.....	37	"	.....	"	Married	Nova Scotia.....	April	10, 1912	Concord (resident of Boston).	
Dominick J. Sosze.....	37	"	.....	"	Single	Italy.....	April	10, 1912		



TABLE No. 4.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Elwin H. Davis .....	42	M.	.....	W.	New Hampshire.....	April 11, 1912	Newport.
Felix Jasaski.....	38	"	.....	"	Poland.....	April 15, 1912	Manchester.
Josiah Garnett.....	75	"	.....	"	United States.....	April 16, 1912	Lebanon.
James Riley.....	36	.....	.....	"	.....	April 16, 1912	Returned from elopement.
Margarita Scagliarini.....	36	.....	.....	"	Italy.....	April 16, 1912	Milford.
Julia A. Pendexter.....	50	.....	F.	"	Ireland.....	April 17, 1912	Portsmouth.
Victoria W. Morrill.....	36	.....	"	"	New Hampshire.....	April 22, 1912	Rochester.
Ardell LaBrge.....	27	.....	"	"	"	April 22, 1912	Haverhill.
Hattie Barker.....	51	.....	"	"	"	April 22, 1912	Newport.
Frank Adams.....	39	M.	.....	"	"	April 23, 1912	Concord.
Edward A. Barker.....	16	.....	.....	"	"	April 23, 1912	Hudson.
Angelina Gauvreau.....	30	.....	F.	"	Canada.....	April 26, 1912	Concord.
John Porn.....	.....	M.	.....	"	Armenia.....	April 26, 1912	Coos County Farm.
Daniel J. Sawyer.....	62	"	.....	"	New Hampshire.....	April 28, 1912	Pembroke. [dence unknown.
Frederick W. Lehmann.....	21	"	.....	"	"	April 28, 1912	Concord Police Station. Resi-
Vinal G. Pollard.....	63	"	.....	"	New Hampshire.....	April 30, 1912	Newport.
Lenette F. Farnerton.....	45	.....	F.	"	Massachusetts.....	May 1, 1912	Manchester.
Levi F. Hoyt.....	70	M.	.....	"	"	May 2, 1912	Laconia.
Bertha A. Kingsbury.....	21	.....	F.	"	Vermont.....	May 3, 1912	Franklin.
Oliva J. Longvall.....	41	M.	.....	"	New Hampshire.....	May 4, 1912	Manchester.
Sarah Donovan.....	53	.....	F.	"	England.....	May 4, 1912	Marlborough.
Louis Thibodeau.....	22	M.	.....	"	Vermont.....	May 7, 1912	Lebanon.
Leon L. Fisher.....	27	.....	"	"	New Hampshire.....	May 7, 1912	Keene.
Charles F. Rice.....	50	"	.....	"	Ireland.....	May 8, 1912	Portsmouth.
Michael J. Britton.....	39	"	.....	"	New Hampshire.....	May 9, 1912	Manchester.
Herbert Merrill.....	39	"	.....	"	Maine.....	May 9, 1912	Pittsfield.
Joe Pelkey.....	52	"	.....	"	New Hampshire.....	May 9, 1912	Berlin.
Alma M. Howard.....	39	.....	F.	"	"	May 13, 1912	Gilsun.
Asa Williams.....	52	M.	.....	"	Massachusetts.....	May 14, 1912	Bennington.

78	Almira C. Brown.....	F.	W.	Married	New Hampshire.....	May	16, 1912	Laconia.
26	Abel Meyers.....	M.	"	Single	Sweden.....	May	16, 1912	Manchester.
33	Myra Etta Tuttle.....	F.	"	Married	New Hampshire.....	May	20, 1912	Newmarket.
67	Joseph Fenner.....	M.	"	Married	Canada.....	May	20, 1912	Concord.
26	Peter Gnakis.....	"	"	Single	Greece.....	May	25, 1912	Manchester.
85	Mary Phillips.....	F.	"	Widowed	Ireland.....	May	25, 1912	"
34	Archie C. George.....	M.	"	Single	New Hampshire.....	May	26, 1912	Barrington.
44	Charles R. Hale.....	"	"	Married	"	May	28, 1912	Concord.
52	Alice C. Gray.....	F.	"	Divorced	"	May	28, 1912	Gilsum.
39	Marion McLaughlin.....	M.	"	Married	Ireland.....	May	29, 1912	Pelham.
47	James Hove.....	"	"	Married	"	May	31, 1912	Manchester.
74	James Hove.....	"	"	"	Ireland.....	June	3, 1912	Crafton County Farm.
44	Dolor Lapane.....	"	"	"	New Hampshire.....	June	3, 1912	Concord.
42	Hattie E. Rice.....	F.	"	"	Canada.....	June	3, 1912	Columbia.
32	Emma A. Turner.....	"	"	Widowed	"	June	5, 1912	Claremont.
72	Emily B. French.....	"	"	Married	United States.....	June	6, 1912	Lebanon.
53	L. Belle Hodgnerney.....	"	"	Single	New Hampshire.....	June	8, 1912	East Jaffrey.
25	Florence M. Ingraham.....	"	"	Married	"	June	10, 1912	Concord.
65	Granville Parkhurst.....	M.	"	"	"	June	12, 1912	Derry.
56	William P. Copp.....	"	"	"	"	June	12, 1912	Keene.
55	Nellie Houghton.....	F.	"	"	Canada.....	June	13, 1912	Berlin.
40	Ida Brackett.....	"	"	"	Ireland.....	June	15, 1912	Moultonborough.
34	Bridget Wilbur.....	M.	"	Single	Vermont.....	June	15, 1912	Concord.
36	Arthur Dudge.....	"	"	"	"	June	16, 1912	Returned from elopement.
"	Frank Gleason.....	"	"	"	"	June	16, 1912	Returned from elopement.
"	William Bennett.....	"	"	"	"	June	17, 1912	Portsmouth.
31	Mabel Harrocks.....	"	"	Single	United States.....	June	17, 1912	Henniker.
72	Mark M. Hadley.....	F.	"	Married	"	June	18, 1912	Nashua.
31	Allynn G. Bowen.....	"	"	Divorced	"	June	18, 1912	Concord.
48	George F. Gannon.....	"	"	Single	Canada.....	June	19, 1912	Nashua.
23	Eva Lucas.....	F.	"	Married	"	June	20, 1912	Returned from elopement.
"	August Carlson.....	"	"	"	New Hampshire.....	June	22, 1912	Manchester.
37	James E. Perrigo.....	"	"	Single	"	June	22, 1912	Returned from elopement.
"	Herman J. Chaschy.....	"	"	Married	Vermont.....	June	23, 1912	Concord.
24	Grace Johnson.....	"	"	Single	Canada.....	June	25, 1912	Hanover.
47	Frank Caswell.....	F.	"	Widowed	"	June	25, 1912	Moultonborough.
80	Rose Raymond.....	F.	"	Married	Russia.....	June	28, 1912	Nashua.
55	J. O. Bernier.....	"	"	Single	New Hampshire.....	June	29, 1912	Nashua.
16	Harry Wiseman.....	"	"	Widowed	"	July	2, 1912	Returned from visit.
"	Mary Sullivan.....	F.	"	Single	New Hampshire.....	July	5, 1912	Hillsborough.
82	Esther Crosby.....	"	"	Widowed	"	July	6, 1912	Center Harbor.
37	Lizzie O. Frye.....	"	"	Single	"	July	8, 1912	Laconia.
76	Laura W. Stevens.....	"	"	Widowed	"	July	8, 1912	Franklin.
58	Isadore S. Reed.....	"	"	"	"	July	8, 1912	"

TABLE No. 4.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.	Single, married or widowed.		
William P. Nolan .....	27	M.	..	W.	Single .....	July 8, 1912	Manchester.
Mary L. Emerson .....	78	..	F.	..	..	July 9, 1912	Bristol.
Harry S. Brigham .....	43	M.	..	..	Married .....	July 11, 1912	Lisbon.
Marion Atwood .....	34	..	F.	..	" .....	July 11, 1912	Concord.
Elizabeth Burbidge .....	50	..	..	..	" .....	July 13, 1912	Laconia.
Otis E. Cross .....	35	M.	..	..	" .....	July 13, 1912	Bristol.
Irving Kelley .....	40	..	..	..	" .....	July 17, 1912	Franklin.
Clara Lyford .....	60	..	F.	..	Widowed .....	July 17, 1912	Manchester.
Gus Alexander .....	63	M.	..	..	..	July 17, 1912	Derry.
John Henry Lovering .....	42	..	..	..	Single .....	July 17, 1912	Keene.
Emma Lafond .....	65	..	F.	..	Married .....	July 19, 1912	Manchester.
Lydia S. Cummings .....	54	..	..	..	" .....	July 19, 1912	Charlestown.
Ellen F. Tolles .....	67	..	"	..	" .....	July 23, 1912	Nashua.
Gideon Constant .....	30	M.	..	..	Single .....	July 25, 1912	Pittsfield.
Morris Bernoskey, alias [Bell	27+	"	..	..	" .....	July 25, 1912	Nashua.
Charles L. Miles .....	33	"	..	..	" .....	July 25, 1912	Nashua.
Eva M. Corson .....	55	..	F.	..	Married .....	July 26, 1912	Bethlehem.
Percy W. Rinaldo .....	29	M.	..	..	..	July 27, 1912	Kingston.
James D. McCann .....	59	..	..	..	Widowed .....	July 27, 1912	Claremont.
George A. Currier .....	22	"	..	..	Single .....	July 28, 1912	Dover.
LoRENZO Magnan .....	28	..	..	..	" .....	July 28, 1912	Concord.
Eivira Haley .....	50	..	F.	..	Married .....	July 31, 1912	Franklin.
Nathan M. Carter .....	78	M.	..	..	..	July 31, 1912	Portsmouth.
Carrie Steel .....	..	..	..	..	..	July 31, 1912	Concord.
Irving Noyes .....	..	M.	F.	..	..	July 38, 1912	Returned from a visit.
Mary McGuire .....	33	..	..	..	..	July 28, 1912	Returned from elopement.
Hortense Foglesong .....	45	..	F.	..	Married .....	Aug. 1, 1912	Manchester.
James Riley .....	..	M.	..	..	Single .....	Aug. 2, 1912	Hampton.
						Aug. 3, 1912	Returned from elopement.

	M.	F.	W.	Married	New Hampshire	6, 1912	Concord.
George H. Drew	38					Aug.	Wolfeboro.
Edith Lemrey	25	F.				Aug.	Derry.
William P. Copp	56	M.		"	"	Aug.	Manchester.
Edith Bernard	42	F.		"	Canada	7, 1912	Concord.
Susan E. Hastings	79			Widowed	New Hampshire	Aug.	Berlin.
Gedlie Morin	30	"		Married	Canada	7, 1912	Newfields.
John Putney	35	M.			New Hampshire	Aug.	Concord.
Frank W. Skinner	26	"		"	"	Aug.	Hudson.
Hiram P. Wilson	54	"				Aug.	Returned from elopement.
William Bennett				Single	Austria	Aug.	Manchester.
Joseph Schrieber	29				New Hampshire	Aug.	Dover.
Bertha Hodgins	17	F.			Canada	12, 1912	Penacook.
Odolie Lessard	39	"		Widowed	New Hampshire	Aug.	Concord.
Almira A. Lamprey	70	M.		Married	New Hampshire	Aug.	Hillsborough.
Henry Bennett	73			Widowed	Massachusetts	Aug.	Manchester.
Mary Connors	65	F.			Ireland	Aug.	Tamworth.
Evans Han	50	M.		Married	New Hampshire	Aug.	Manchester.
Calixte LeMay	48			Single	Canada	Aug.	Dunbarton.
Calik Wilson	44	"		Married	New Hampshire	Aug.	Franklin.
John H. Chapman	29			Divorced	New York	Aug.	Manchester.
Mabel Duffy	40			Married	New Hampshire	Aug.	Pembroke.
Daniel J. Sawyer	63	F.		Widowed	New Hampshire	Aug.	Manchester.
William P. Nolan	26	M.		Single		Aug.	
Olive Ferris	18	F.			New York	Aug.	Returned from visit.
Annie Nutter				Married	Canada	Aug.	Laconia.
George Venture	43	M.		Single	New Hampshire	Aug.	Manchester.
William Baker	55	"		Married	New Hampshire	Aug.	West Lebanon.
Charles H. Woodbury	64			Married		Aug.	Returned from visit.
Celina Piquette		F.			Vermont	Aug.	Wilton.
Edward Beaulieu	60	M.		Widowed	New Hampshire	Aug.	Tilton, Soldiers' Home, [charge
Justin E. Hutchinson	74	"			New Hampshire	Aug.	Returned from temporary dis-
Harry Rowe				Harry Rowe		Aug.	

TABLE No. 4.—Continued.—COMMITMENTS.

*Persons committed to the Rockingham County Asylum during the year ending August 31, 1912.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Willard Cotton .....	29	M.	..	W.	American .....	Nov. 24, 1911	Newton.
Mary Clifton .....	77	..	F.	"	" .....	Sept. 2, 1911	Kingston.
Victoria DeJardin .....	32	..	"	"	French .....	March 17, 1912	Epping.
Mary Davis .....	38	..	"	"	American .....	July 13, 1912	Northwood.
Frank Hubley .....	23	M.	..	"	" .....	Feb. 13, 1912	Portsmouth.

*Persons committed to the Strafford County Asylum during the year ending August 31, 1912.*

Clara A. Bennett .....	80	..	F.	W.	American .....	Aug. 5, 1910	Dover.
James French .....	75	M.	..	"	" .....	Jan. 1, 1900	Somersworth.
Susan Gough .....	60	..	F.	"	" .....	June 1, 1890	"
Margaret Grimes .....	68	..	"	"	Irish .....	June 1, 1910	Dover.
Ann M. Tebbets .....	70	..	"	"	American .....	July 21, 1910	Rochester.
Mary Cavanaugh .....	58	..	"	"	Irish .....	Aug. 8, 1908	Dover.
Charles Chamberlin .....	78	M.	..	"	American .....	Jan. 1, 1893	"
Julia Callahan .....	56	F.	..	"	Irish .....	Oct. 26, 1911	"
Mary Edgerly .....	80	..	"	"	American .....	June 15, 1912	"

*Persons committed to the Belknap County Asylum during the year ending August 31, 1912.*

Lydia Ramsey .....	53	..	F.	W.	American .....	April 8, 1912	Meredith.
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*Persons committed to the Carroll County Asylum during the year ending August 31, 1912.*

None.

*Persons committed to the Merrimack County Asylum during the year ending August 31, 1912.*

None.

*Persons committed to the Hillsborough County Asylum during the year ending August 31, 1912.*

NAME.	AGE, SEX AND CONDITION.					Nationality.	Date of commitment.	Where from.
	Years.	Months.	Days.	Male.	Female.	Color.	Single, married or widowed.	
Golden Cohen .....	22	8			F.	W.	Married	Manchester.
Elizabeth McGuire .....	74	10	12		"	"	Widowed	Manchester.
Flora May Colby Brown .....	46	5	3		"	"	"	Manchester.
James F. Kelley .....	38	4	19	M.		"	Married	Manchester.
Lizzie Caldwell .....	25	7	12		F.	"	Single	Manchester.
Asa Williams .....	51	7	23	M.		"	"	Manchester.
Peter Ghnakis .....	26			"		"	Married	Manchester.
Alyn Bowen .....	45			"		"	Widowed	Manchester.
Mary Connors .....	65			M.	F.	"	Single	Manchester.
William Baker .....	55			"		"	"	Manchester.
Edward Beaulieu .....	60	4	14			"	Widowed	Wilton.

*Persons committed to the Cheshire County Asylum during the year ending August 31, 1912.*

Sidney A. Ellis .....	59			M.		W.	Single	Keene.
Florence Ingraham .....	25				F.	"	"	Jaffrey.



*Persons committed to the Sullivan County Asylum during the year ending August 31, 1912.*

NAME.	AGE, SEX AND CONDITION.						Nationality.	Date of commitment.	Where from.
	Years.	Months.	Days.	Male.	Female.	Color.	Single, married or widowed.		
Hannah Nash.....	75	.....	.....	.....	F.	W.	Widowed .....	Jan. 3, 1912	Unity.
Jacob Myers .....	84	.....	.....	M.	.....	"	" .....	Aug. 15, 1912	Claremont.
Albert Codman .....	72	.....	.....	.....	.....	.....	.....	Sept. 9, 1912	Washington.

*Persons committed to the Grafton County Asylum during the year ending August 31, 1912.*

NAME.	Years.	Months.	Days.	Male.	Female.	Color.	Single, married or widowed.	Nationality.	Date of commitment.	Where from.
Dolas Lapune.....	44	.....	25	M.	.....	W.	Married. ....	American.....	May 2, 1912	Lebanon.
Josiah Gamett.....	.....	.....	.....	.....	.....	.....	Widowed ...	.....	April 12, 1912	.....

*Persons committed to the Coös County Asylum during the year ending August 31, 1912.*

NAME.	Years.	Months.	Days.	Male.	Female.	Color.	Single, married or widowed.	Nationality.	Date of commitment.	Where from.
Napoleon Lovier.....	28	.....	.....	M.	.....	W.	.....	French.....	Oct. 10, 1911	Berlin.
Mike Crowley.....	51	.....	.....	"	.....	"	Widowed .....	English .....	Dec. 11, 1911	Stewartstown.
George Watkins.....	75	.....	.....	"	.....	"	" .....	Irish .....	Jan. 19, 1912	Colebrook.
Edward Nowland.....	49	.....	.....	"	.....	"	" .....	Italian.....	Feb. 15, 1912	Groveton.
John Poyo.....	45	.....	.....	"	.....	"	" .....	.....	April 8, 1912	Berlin.
Charles Taggart .....	.....	.....	.....	.....	.....	.....	.....	French.....	Oct. 15, 1911	.....



DISCHARGES.

1912.

TABLE No. 5.—DISCHARGES.

Persons discharged from the New Hampshire State Hospital during the year ending August 31, 1912.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharges.	How long at in-stitution.			Condition when discharged.	
	Years.	Male.	Female.	Color.			Single, married or widowed.	Years.	Months.		Days.
McLaughlin, Julia.....	48	M.	F.	W.	Single.....	Vermont.....	Sept. 6, 1911	1	..	27	Recovered.
Alexander, William H.....	19	M.	.....	.....	"	New Hampshire	Sept. 8, 1911	.....	3	15	Eloped. Did not return.
Purnott, Elizabeth.....	52	.....	F.	"	"	"	Sept. 8, 1911	.....	10	3	Recovered (recurrent).
Bassett, George H.....	35	M.	.....	"	Married..	"	Sept. 11, 1911	.....	2	5	Recovered from alcoholism.
Jenness, Ivan D.....	43	"	.....	"	"	"	Sept. 12, 1911	.....	2	16	Eloped. Did not return.
Brown, Frank M.....	45	"	.....	"	Single.....	Pennsylvania..	Sept. 13, 1911	1	6	1	"
Stirling, Carl E.....	18	"	.....	"	"	"	Sept. 13, 1911	.....	4	23	"
Mamie, Louis.....	18	"	.....	"	"	"	Sept. 13, 1911	.....	8	30	"
Osgood, George.....	.....	.....	.....	.....	Married..	New Hampshire	Sept. 19, 1911	.....	1	11	Recovered.
Spinney, Mary C.....	54	M.	F.	"	Single.....	"	Sept. 23, 1911	.....	4	8	Much improved.
Rivers, Edward.....	26	"	.....	"	Married..	"	Sept. 23, 1911	.....	.....	13	Not insane.
Sabin, Edward.....	29	"	.....	"	"	"	Sept. 26, 1911	.....	.....	12	Recov'd from acute alcoholism.
Heath, George A.....	59	"	.....	"	"	New Hampshire	Sept. 29, 1911	.....	1	25	Much improved.
Ladd, Harvey A.....	53	"	.....	"	Single.....	"	Sept. 30, 1911	2	1	20	Recovered.
Heath, Bert E.....	20	"	.....	"	"	"	Sept. 30, 1911	.....	11	3	Not improved.
Craig, Vera.....	29	.....	F.	"	Married..	"	Oct. 10, 1911	.....	9	17	Recovered.
Elsworth, Rowell.....	59	M.	.....	"	Single.....	"	Oct. 10, 1911	.....	1	9	Improved.
Peverly, Charles G.....	53	.....	F.	"	Married..	Maine.....	Oct. 10, 1911	.....	3	8	Not insane. Epileptic.
Rusha, Nellie M.....	37	.....	F.	"	"	"	Oct. 14, 1911	.....	.....	5	Recovered from alcoholism.
Tucker, William H.....	37	M.	.....	"	"	"	Oct. 16, 1911	.....	.....	.....	Eloped.
Davis, Arthur W.....	.....	"	.....	"	Single.....	New Hampshire	Oct. 17, 1911	.....	3	8	Improved.
Read, John W.....	33	"	.....	"	Married..	"	Oct. 18, 1911	.....	2	3	Recovered.
Ward, Charles L.....	63	"	.....	"	Single.....	Vermont.....	Oct. 21, 1911	.....	.....	9	Recovered from alcoholism.
Dolan, Charles.....	36	"	.....	"	"	New Hampshire	Oct. 23, 1911	.....	1	15	"
Keating, Edward.....	41	"	.....	"	"	"	Oct. 27, 1911	.....	.....	.....	Eloped. Not improved.
Chapman, William E.....	.....	"	.....	"	Single.....	New Hampshire	Oct. 29, 1911	.....	.....	11	Recovered from alcoholism.
Sargeant, Charles H.....	52	.....	"	"	"	"	Nov. 4, 1911	.....	.....	.....	"

Price, Charles J.	25	M.	W.	Single.	Maine.	Nov. 7, 1911	3	17	Eloped. Did not return.	
Baron, Fred	45	"	"	"	"	Nov. 15, 1911	10	21	Recovered. Prison transfer. Re-	
Taplin, Fred L.	29	"	"	"	"	Nov. 19, 1911	1	42	Recovered. [turned to prison.	
Sheehan, Patrick	46	"	Married.	"	Ireland.	Nov. 19, 1911	1	12	"	
Ryan, Thomas J.	27	"	Single.	Massachusetts	"	Nov. 25, 1911	10	15	Much improved.	
Steele, Carrie	25	F.	Married.	"	New Hampshire	Dec. 5, 1911	5	12	On a visit.	
Rice, Flora I.	39	"	"	"	Canada.	Dec. 9, 1911	5	14	Recovered.	
Green, Amelia	26	M.	"	Single.	Ireland.	Dec. 10, 1911	1	40	Eloped.	
Smith, Edwin H.	69	"	Married.	"	New Hampshire	Dec. 12, 1911	1	5	Recovered from alcoholism.	
Kilby, William	37	F.	Widowed	Maine	"	Dec. 13, 1911	1	9	Recovered from acute uremic	
Saunborn, Maria	66	"	Married.	Vermont.	"	Dec. 14, 1911	3	25	Recovered.	
Smith, Maud	53	"	"	England	"	Dec. 18, 1911	9	23	Not improved. On a visit.	
Donovan, Sarah	51	M.	"	New Hampshire	"	Dec. 21, 1911	2	8	Improved.	
King, Frank	16	F.	Single	"	"	Dec. 24, 1911	3	16	Eloped. Did not return.	
Higgins, Herman	68	"	Married.	Vermont.	"	Dec. 24, 1911	6	16	On a visit. Did not return.	
Sullivan, Mary A.	32	M.	"	New Hampshire	"	Dec. 24, 1911	1	13	Much improved.	
Gibson, Edwin J.	38	"	"	"	"	Dec. 24, 1911	3	11	"	
Roers, Edward J.	76	F.	Widowed	Canada.	"	Dec. 28, 1911	6	28	Improved.	
Terrill, Urban	25	"	Single	New Hampshire	"	Dec. 28, 1911	4	27	Recovered.	
Miller, Esther	28	"	Divorced.	"	"	Dec. 28, 1911	20	Not improved.		
Lemieux, Marie	65	M.	"	"	"	Dec. 29, 1911	3	5	On a visit.	
Chapman, John H.	65	"	Married.	Canada.	"	Dec. 30, 1911	3	5	Recovered.	
Morris, Joseph	32	"	"	"	"	Jan. 1, 1912	1	30	"	
Lavoie, Napoleon	44	"	"	"	"	Jan. 9, 1912	3	8	24	"
Boutin, Angeline	52	F.	Single.	New Hampshire	"	Jan. 9, 1912	1	16	Recovered.	
Brown, Lizzie E.	58	"	Married.	"	"	Jan. 12, 1912	1	22	"	
Barrett, Charles H.	51	M.	Widowed	Ireland.	"	Jan. 13, 1912	5	11	Improved.	
Lynch, Dennis J.	26	"	Single.	New Hampshire	"	Jan. 15, 1912	7	7	Recovered.	
Spead, Arthur B.	65	"	Married.	"	"	Jan. 18, 1912	2	10	"	
Dore, Charles	37	"	"	"	"	Jan. 20, 1912	2	24	On trial. Did not return.	
Mulligan, Michael	60	F.	"	"	"	Jan. 20, 1912	2	19	On a visit.	
Badger, Pearl	32	M.	Married	New Hampshire	"	Jan. 22, 1912	5	3	Recovered.	
George, Charles	33	"	Single.	Maine.	"	Jan. 23, 1912	2	18	Not insane.	
Chapman, William E.	43	F.	Married.	New Hampshire	"	Jan. 23, 1912	7	17	Recovered.	
Brown, Mertie	70	M.	"	"	"	Jan. 24, 1912	11	7	"	
Malloy, John W.	59	"	Single.	Ireland.	"	Jan. 24, 1912	6	5	"	
Harty, David	69	F.	Married.	Vermont.	"	Jan. 25, 1912	7	6	"	
Montton, Eleanor J.	25	M.	Single.	Austria.	"	Jan. 27, 1912	1	27	"	
Bixby, Martin J.	29	F.	"	"	"	Jan. 28, 1912	2	4	Improved.	
Groome, Millicent	25	"	Married.	Maine.	"	Feb. 1, 1912	2	4	"	
Schrieber, Joseph	25	F.	"	"	"	Feb. 4, 1912	2	4	"	
LaBonte, Eva R.	25	"	"	"	"	"	"	"	"	

TABLE No. 5.—Continued.—DISCHARGES.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.
	Years.	Male.	Female.	Color.			Years.	Months.	Days.	
Kaizerskis, Poulas.....	53	M.	..	W.	Poland.....	Feb. 12, 1912	1	9	..	Recovered.
Putney, Carrie S.....	52	..	F.	..	New Hampshire	Feb. 16, 1912	5	5	..	"
Maynard, Rose A.....	52	..	"	"	Ireland.....	Feb. 17, 1912	26	..	..	"
Moore, Orra S.....	20	M.	..	"	Canada.....	Feb. 19, 1912	2	12	..	Not improved.
Thayer, Ora N.....	34	"	..	"	New Hampshire	Feb. 21, 1912	7	..	..	Eloped. Did not return.
Bryant, Ernest.....	21	"	..	"	"	Feb. 23, 1912	10	12	..	"
Fogg, Edwin E.....	36	..	..	"	Canada.....	Feb. 23, 1912	7	15	..	Recovered.
Houlsey, Georgianna.....	44	M.	F.	"	New Hampshire	Feb. 24, 1912	24	..	..	"
Mousley, John.....	44	"	..	"	United States..	Feb. 28, 1912	10	15	..	Recovered from alcoholism.
Foley, Daniel.....	28	"	..	"	United States..	March 3, 1912	2	..	..	Eloped.
Caswell, Frank J.....	26	..	F.	"	Nova Scotia....	March 12, 1912	7	2	..	Recovered.
Wharen, Milder N.....	46	M.	..	"	United States..	March 14, 1912	7	2	..	Recovered.
Caswell, Frank J.....	67	..	"	"	New Brunswick	March 21, 1912	1	4	..	Recurrent recovery. [Grasmere.
Ried, Elizabeth.....	65	"	F.	"	New Hampshire	March 23, 1912	7	11	..	Recovered. Transferred to
Rundlett, Sarah E.....	59	M.	..	"	Nova Scotia....	March 27, 1912	6	25	..	Much improved. Recovered from alcoholism.
Beede, George E.....	41	"	..	"	New Hampshire	March 30, 1912	..	9	..	Recovered.
Haley, Elvira.....	50	..	F.	"	Nova Scotia....	April 3, 1912	2	26	..	"
McBuffy, Alice C.....	33	M.	..	"	Minnesota....	April 6, 1912	2	30	..	Recovered (recurrent).
Keenan, William H.....	53	..	F.	"	New Hampshire	April 6, 1912	11	30	..	Recovered from alcoholism.
Whitcomb, Stella.....	18	..	..	"	United States..	April 7, 1912	..	17	..	Recovered.
Ramsey, Lydia A.....	58	..	..	"	New Hampshire	April 9, 1912	7	8	..	Much improved.
Clark, William J.....	30	M.	..	"	"	April 14, 1912	1	6	..	Recovered from alcoholism.
Brown, Nellie E.....	18	..	F.	"	New Jersey.....	April 13, 1912	5	28	..	Much improved.
French, Mary A.....	50	..	"	"	"	April 15, 1912	..	26	..	Improved.
Riley, James.....	70	M.	..	"	New Hampshire	April 15, 1912	..	..	..	Eloped.
Hoyt, Levi F.....	27	"	..	"	Newfoundland.	April 16, 1912	2	10	..	Not improved.
Dickey, May.....	70	..	F.	"	New Hampshire	April 17, 1912	..	13	..	Recovered from alcoholism.
Hale, Charles E.....	44	M.	..	"	New Hampshire	April 18, 1912	..	24	..	Recovered.

24	Ducharme, Agnes.....	F.	W.	Single.....	New Hampshire	April 19, 1912	..	11	Not improved.
34	Robe, Bernice .....	"	"	Married.....	Massachusetts.	April 19, 1912	2	2	Recovered.
74	Dana, Betsy .....	"	"	Divorced.....	Vermont .....	April 19, 1912	6	5	Not improved.
37	Sozzi, Dominick J.....	M.	"	Single .....	Italy .....	April 20, 1912	10	10	Recovered from alcoholism.
32	Roers, Edward J.....	"	"	Married.....	New Hampshire	April 21, 1912	3	11	Recovered.
37	Gouin, Joseph .....	"	"	Single .....	New Hampshire	April 22, 1912	2	3	Eloped. Did not return.
60	Sargent, Frank P.....	"	"	Married.....	New Hampshire	April 24, 1912	2	30	Recovered.
54	Roberts, Emily .....	F.	"	Single .....	Canada .....	April 25, 1912	9	11	Much improved.
16	Pollard, Carrie M.....	"	"	Single .....	New Hampshire	April 26, 1912	11	13	Not improved.
12	Boucher, Corina .....	"	"	Single .....	New Hampshire	April 28, 1912	2	22	Recovered.
73	Smith, Vianna .....	"	"	Single .....	Canada .....	May 1, 1912	3	7	Improved.
60	Goodwin, Charles B.....	M.	"	Married.....	New Hampshire	May 1, 1912	7	24	Recovered.
23	Winn, Hope A.....	F.	"	Married.....	Canada .....	May 4, 1912	1	13	Recovered.
50	Clautier, Odile .....	"	"	Married.....	Canada .....	May 4, 1912	8	3	"
21	Rhines, Edith .....	"	"	Single .....	New Hampshire	May 4, 1912	1	4	Much improved.
53	Frost, Charles W.....	M.	"	Married.....	Nova Scotia .....	May 5, 1912	5	28	Eloped.
28	Taggart, Charles .....	"	"	Single .....	New Jersey .....	May 6, 1912	5	8	Not improved.
35	Inkey, Sander .....	"	"	" .....	Finland .....	May 8, 1912	15	15	Recovered.
39	Adams, Frank .....	"	"	" .....	New Hampshire	May 8, 1912	2	24	Recovered from alcoholism.
18	Smith, Bertha M.....	F.	"	Married.....	Canada .....	May 10, 1912	2	2	Recovered.
76	Pratte, Jack .....	M.	"	" .....	Italy .....	May 10, 1912	2	24	Recovered.
36	Scagarini, Margarita.....	F.	"	" .....	New Hampshire	May 11, 1912	2	2	"
65	Perham, Eliza .....	"	"	Single .....	England .....	May 11, 1912	1	9	"
24	Probst, Allen .....	"	"	" .....	Canada .....	May 12, 1912	4	7	"
61	Provost, Rose D.....	F.	"	" .....	New Hampshire	May 9, 1912	11	14	"
43	Willette, Paul .....	M.	"	" .....	New Hampshire	May 17, 1912	11	3	Much improved.
18	Bellevue, Rosalie .....	F.	"	" .....	Canada .....	May 19, 1912	23	23	Recovered.
30	Gauvreau, Angelina .....	"	"	Married.....	United States.....	May 22, 1912	1	12	"
48	Grant, Frank W.....	M.	"	" .....	England .....	May 23, 1912	3	20	"
21	Hutchinson, Margaret.....	F.	"	" .....	New Hampshire	May 29, 1912	4	19	On trial. Did not return.
31	Harrocks, Mabel .....	"	"	Single .....	Massachusetts.	June 1, 1912	2	5	Recovered.
73	Mann, Macilla L.....	"	"	Married.....	New Hampshire	June 3, 1912	1	1	Much improved.
61	Sawyer, Daniel J.....	M.	"	Married.....	Maine .....	June 3, 1912	1	7	26
23	Demeritt, Frank R.....	"	"	Single .....	New Hampshire	June 3, 1912	5	16	Not improved.
21	Couture, Albert .....	"	"	Married.....	New Hampshire	June 6, 1912	6	6	Recovered from alcoholism.
47	Harris, George H.....	"	"	" .....	Canada .....	June 7, 1912	7	20	Recovered.
67	Dupont, Alexander.....	"	"	" .....	Canada .....	June 13, 1912	..	..	Eloped.
..	Bennett, William.....	"	"	" .....	" .....	June 13, 1912	..	..	"
27	Gleason, Frank .....	"	"	Married.....	New Hampshire	June 15, 1912	2	6	On parole. Did not return.
38	Mulhgan, Michael .....	"	"	Single .....	Vermont .....	June 15, 1912	4	1	Recovered.
34	Sheridan, Charles H.....	"	"	" .....	New Hampshire	June 18, 1912	..	23	Not issue.
34	George, Archie C.....	"	"	" .....	" .....	June 18, 1912	..	..	"





	M.	W.	Single.	Massachusetts.	July 31, 1912	9	7	Not improved. Recovered.	return.
Preble, George.	52	"	"	New Hampshire	July 31, 1912	....	9	Recovered.	Did not
Lawrence, George W.	58	"	"	New Hampshire	Aug. 5, 1912	1	6	Not improved.	Eloped.
Valle, Cleophas	26	"	"	"	Aug. 10, 1912	....	2	On a trial visit.	Did not
Nutter, Annie A.	27	F.	"	New Hampshire	Aug. 11, 1912	....	1	Recovered.	On a visit.
Nolan, William P.	35	"	"	"	Aug. 12, 1912	....	3	Recovered.	Did not return.
Cross, Otis	30	"	"	Canada	Aug. 13, 1912	1	30	On a visit.	
Carlin, William	53	"	"	"	Aug. 16, 1912	....	1	Recovered.	
Reed, Isadore S.	29	F.	"	New Hampshire	Aug. 17, 1912	....	8	Recovered.	
Davis, Harriet	19	"	"	"	Aug. 17, 1912	....	9	Recovered.	
Jarvis, John H.	53	"	"	Ireland	Aug. 20, 1912	....	3	Recov'd from acute alcoholism.	
Britton, Michael J.	28	F.	"	Germany	Aug. 22, 1912	....	8	Much improved.	
Riedel, Ida	49	"	Married	Canada	Aug. 24, 1912	....	17	Recovered.	from alcoholism.
Bernard, Edith	33	"	"	Ireland	Aug. 24, 1912	....	23	Improved.	Trial discharge.
McGuire, Mary	55	"	"	Canada	Aug. 26, 1912	....	10	On a visit.	
Paquette, Celina	51	"	"	"	Aug. 26, 1912	....	23	On a visit.	
Rowe, Harry	45+	M.	Single	Maryland	Aug. 28, 1912	....	6	Recovered.	
Crowley, Michael	40	"	"	Armenia	Aug. 28, 1912	....	16	"	
Porn, John	40	"	"	New Hampshire	Aug. 30, 1912	....	3	"	
Kelley, Irving	44	"	Married	"	Aug. 31, 1912	....	1	"	
Wilson, Frank	44	"	"	"	"	....	13	"	
						....	12		

*Persons discharged from the Rockingham County Asylum during the year ending August 31, 1912.*

	M.	W.	Single.	American.	Jan. 13, 1912	2	3	Sent to State Hospital.
Cotton, Willard	29	"	"	American	Jan. 13, 1912	....	3	"
Deardin, Victoria	32	F.	Married	French	March 19, 1912	....	3	"
Trefethern, Martin P.	41	M.	Single	American	Sept. 14, 1911	....	14	"
Hubble, Frank	23	"	"	"	Feb. 29, 1912	....	21	"
Putney, John H.	36	"	"	"	July 20, 1912	....	21	"
Sanders, Caroline B.	38	F.	"	"	March 19, 1912	20	..	"

*Persons discharged from the Strafford County Asylum during the year ending August 31, 1912.*

	M.	W.	Single...	American.....	Nov. 7, 1911	1	..	Sent to State Hospital.
Willey, William	70	"	"	"	Nov. 7, 1911	1	..	"



TABLE No. 5.—Continued.—DISCHARGES.

Persons discharged from the Belknap County Asylum during the year ending August 31, 1912.

None.

Persons discharged from the Carroll County Asylum during the year ending August 31, 1912.

None.

Persons discharged from the Merrimack County Asylum during the year ending August 31, 1912.

None.

Persons discharged from the Hillsborough County Asylum during the year ending August 31, 1912.

NAME.	AGE, SEX AND CONDITION.				Nationality	Date of discharge	How long at institution.			Condition when discharged.
	Years.	Male.	Female.	Color.			Years.	Months.	Days.	
Goodreau, Marie J.....	65	.....	F.	W.	Widowed ..	French.....	22	1	13	
Ives, Lizzie.....	51	.....	"	"	Single ..	Irish.....	March 27, 1912	24	10	25
LaFond, Emma.....	65	.....	"	"	Married ..	French..	March 27, 1912	15	2	21
Clautier, Ollie.....	59	.....	"	"	"	Sept. 1, 1911	.....	5	5	
Russell, Raston.....	39	.....	"	"	Married ..	English..	Sept. 1, 1911	4	23	
Paquette, Celina.....	..	.....	"	"	"	Oct. 3, 1911	.....	27	27	
McKee, Thomas.....	81	M. ....	.....	"	Widowed ..	French.....	Oct. 12, 1911	.....	18	

	M.	W.	Widowed	American.	Oct.	20, 1911	2	10	1
Goodwin, William.....	79	"	"	"	Oct.	20, 1911	...	...	1
Efegian, Jack.....	37	"	Single	Armenian	Oct.	20, 1911	...	...	17
Dello, Nickolas.....	62	"	"	Greek	Nov.	10, 1911	...	...	5
Brown, Lizzie Etta.....	22	F.	"	American	Nov.	24, 1911	1	10	5
Cohen, Golden.....	46	"	Married	Jewess	Dec.	20, 1911	...	...	8
Bodge, Lois E.....	75	"	"	American	Dec.	20, 1911	2	11	8
McGuire, Elizabeth.....	46	"	Widowed	Irish	Dec.	21, 1911	...	...	2
Brown, Flora M.....	38	"	"	American	Dec.	21, 1911	...	...	10
Kelley, James.....	25	"	Married	Irish	March 1, 1912	...	...	...	17
Caldwell, Lizzie M.....	35	F.	Single	American	March 21, 1912	...	...	1	18
Richardson, Mabel.....	38	"	Married	French	March 23, 1912	6	...	...	25
Sullivan, Maggie.....	35	"	Single	Irish	March 23, 1912	8	11	16	...
Williams, Asa.....	51	M.	"	American	May 14, 1912	...	...	...	19
Ginakis, Peter.....	26	"	"	Greek	May 25, 1912	...	...	...	9
Bowen, Allyn George.....	45	"	Married	American	June 18, 1912	...	...	1	15
Connors, Mary.....	65	F.	Widowed	Irish	Aug. 16, 1912	...	...	...	13
Baker, William.....	53	M.	Single	"	Aug. 27, 1912	...	...	...	26
Beaulien, Edward.....	60	"	Widowed	French	Aug. 30, 1912	...	...	...	16

*Persons discharged from the Cheshire County Asylum during the year ending August 31, 1912.*

Ingraham, Florence.....	25	F.	W.	Single.....	American.....	June 7, 1912	....	3	1	Very nervous.
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*Persons discharged from the Sullivan County Asylum during the year ending August 31, 1912.*

None.

*Persons discharged from the Grafton County Asylum during the year ending August 31, 1912.*

Dourboux, Peter.....	20	M.	W.	Swede.....	Sept. 22, 1911	...	...	22	Sent to State Hospital.
Flanders, William G....	71	"	"	Widowed American.....	Nov. 23, 1911	1	18	"	"
Laparra, Solas.....	44	"	"	Married.....	June 3, 1912	...	1	"	"
Garnett, Josiah.....	...	"	"	"	April 16, 1912	...	5	"	"
Getchell, Eliza.....	69	F.	"	Widowed ..	March 19, 1912	1	8	19	"

TABLE No. 5.—Continued.—DISCHARGES.

Persons discharged from the Coös County Asylum during the year ending August 31, 1912.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.
	Years.	Male.	Female.	Color.	Single, married or widowed.		Years.	Months.	Days.	
Louer, Napoleon.....	28	M.	.....	W.	.....	Nov. 6, 1911	.....	8	6	Very insane.
Crowley, Mike.....	50	"	.....	"	.....	Feb. 12, 1912	.....	2	7	Insane.
Watkins, George.....	75	"	.....	"	Widowed..	Feb. 12, 1912	.....	..	24	Very insane.
Nowland, Edward.....	49	"	.....	"	"	March 12, 1912	.....	..	26	"
Povo, John.....	45	"	.....	"	.....	April 29, 1912	.....	..	21	"
Taggart, Charles.....	..	"	.....	"	.....	Nov. 6, 1911	.....	..	23	"

# DEATHS.

1912.

TABLE No. 6.—DEATHS.

Persons who died at the New Hampshire State Hospital during the year ending August 31, 1912.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of death.	Cause of death.
	Years.	Male.	Female.	Color.			
Sawyer, David.....	79	M.	..	W.	New Hampshire.	Sept. 1, 1911	Mitral regurgitation and arterio-
Gage, Lucy A.....	58	..	F.	"	Kentucky.....	Sept. 2, 1911	Gastro-enteritis.
Smith, Charles H.....	55	M.	..	"	New Hampshire.	Sept. 2, 1911	Pulmonary tuberculosis.
Conant, Grace.....	57	..	F.	"	"	Sept. 4, 1911	Gangrene (cause unknown).
Lynch, Mary.....	56	..	"	"	Ireland.....	Sept. 9, 1911	Gastro-enteritis.
Wells, Eliza.....	61	..	"	"	New Hampshire.	Sept. 16, 1911	Asthma (cardiac).
Freeman, Jennie A.....	76	..	"	"	Massachusetts.	Sept. 16, 1911	Mitral insufficiency.
Holt, Nathaniel K.....	55	M.	..	"	New Hampshire.	Sept. 18, 1911	Myocarditis.
Walker, Frank A.....	49	"	..	"	Massachusetts.	Sept. 19, 1911	Apoplexy.
Brown, Emma.....	58	..	F.	"	New Hampshire.	Sept. 21, 1911	Exhaustion in chronic dementia.
Robitaille, Marie O.....	83	M.	..	"	Canada.....	Sept. 22, 1911	Mitral insufficiency.
Bean, Charles W.....	23	M.	..	"	New Hampshire.	Sept. 23, 1911	Myocarditis.
Moriarty, Mary.....	46	..	F.	"	Canada.....	Sept. 24, 1911	Interstitial nephritis.
Harris, Nellie J.....	39	..	"	"	New Hampshire.	Sept. 28, 1911	Cholangio-cystitis.
Tohan, Martin.....	29	M.	..	"	Hungary.....	Oct. 2, 1911	Pulmonary tuberculosis.
May, Jane R.....	69	..	F.	"	New Hampshire.	Oct. 3, 1911	Valvular disease of the heart.
Parkinson, Eliza.....	45	..	"	"	"	Oct. 4, 1911	Broncho pneumonia.
Wildier, Rodney H.....	69	M.	..	"	Massachusetts.	Oct. 13, 1911	Valvular disease of the heart.
Driscoll, Mary J.....	54	M.	F.	"	New Hampshire.	Oct. 14, 1911	Cerebral hemorrhage.
Pound, John.....	66	M.	..	"	Vermont.....	Oct. 15, 1911	Mitral regurgitation.
Merrill, Simeon T.....	63	"	..	"	Sweden.....	Oct. 22, 1911	Septicemia.
Larsen, Betty.....	50	M.	F.	"	"	Oct. 22, 1911	Broncho pneumonia.
French, Frederick S.....	57	"	"	"	Canada.....	Oct. 25, 1911	Mitral regurgitation.
Harper, Joseph.....	67	..	"	"	New Hampshire.	Oct. 28, 1911	Broncho pneumonia.
Tarbell, Mary E.....	71	..	F.	"	Massachusetts.	Oct. 29, 1911	Chronic Bright's disease.
Stackpole, Daniel E.....	45	M.	..	"	Ireland.....	Oct. 31, 1911	Valvular disease of the heart.
Kelleher, Kate.....	55	..	F.	"	"	Nov. 1, 1911	"

Kerrigan, Margaret.	37	F.	W.	Married	Ireland	Nov.	Pulmonary tuberculosis.
Merchant, Addie P.	32	"	"	Divorced	New Hampshire.	Nov.	General paresis.
Glidden, Louise C.	68	M.	"	Married	Canada.	Nov.	Valvular disease of the heart.
Charbonneau, Mathias.	55	"	"	Widowed	United States.	Nov.	Broncho pneumonia.
Whittemore, Timothy	86	"	"	Single	New Hampshire	Nov.	Chronic Bright's disease.
Thompson, George	31	"	"	Married	"	Nov.	Acute cholecystitis.
Stebbins, Effie B.	47	F.	"	"	"	Nov.	Chronic Bright's disease.
Bignall, Joseph L.	69	M.	"	"	Province Quebec.	Nov.	Cerebral hemorrhage.
Grard, Philomene.	45	F.	"	"	New Hampshire.	Nov.	Pulmonary tuberculosis.
Smith, Frank	23	M.	"	Single	Canada.	Nov.	Myocarditis.
Callaghan, Ellen	65	F.	"	Married	"	Nov.	Chronic interstitial nephritis.
Chase, Annah A.	45	"	"	"	New Hampshire.	Dec.	Cerebral hemorrhage.
Stuart, Henry	47	M.	"	Widowed	"	Dec.	Strangulated hernia.
Day, Charlotte B.	58	F.	"	Married	Canada.	Dec.	Pulmonary tuberculosis.
Kennedy, Martha	32	"	"	"	"	Dec.	Arteriosclerosis.
Flanders, William G.	60	M.	"	"	New York	Dec.	Pulmonary tuberculosis.
Nutting, John	26	"	"	Single	"	Dec.	Chronic Bright's disease.
Dowdy, Richard	63	"	"	Married	Canada.	Dec.	Chronic alcoholism.
Roy, Frank	79	F.	"	Widowed	"	Dec.	Paresis.
Dowst, Martha A.	71	M.	"	"	Maine	Dec.	Arteriosclerosis.
Mace, Hiram	43	"	"	Married	New Hampshire.	Dec.	Chronic Bright's disease.
Murray, James F.	55	"	"	"	"	Dec.	Acute alcoholism.
Garland, Frederick E.	60-65	"	"	"	Maine	Dec.	Paresis.
Lord, James	57	"	"	"	New Hampshire.	Dec.	Cerebral hemorrhage.
Hersey, Emma	53	F.	"	Widowed	West Virginia.	Jan.	Chronic Bright's disease.
Millard, Albert V.	53	M.	"	Single	New Hampshire.	Jan.	Paresis.
Carpenter, Thomas E.	47	"	"	Married	Canada.	Jan.	Cancer of the groin.
Laplante, Emily	45	F.	"	"	"	Jan.	Valvular disease of the heart.
Wells, Myrtie E.	35	"	"	Widowed	New Hampshire.	Jan.	Uterine hemorrhage (puerperal).
Schmidt, Mary E.	46	"	"	"	"	Jan.	Paresis.
Punch, Mary	62	"	"	Single	Ireland.	Jan.	Cerebral hemorrhage.
Goodwin, William	79	"	"	Widowed	New Hampshire.	Jan.	"
Hubbard, Mary E.	77	F.	"	Single	"	Jan.	Mitral regurgitation.
Lapierre, Diana M.	37	M.	"	Married	Canada.	Jan.	Chronic endocarditis.
Dello, Nicholas	37	M.	"	"	Greece.	Jan.	Paresis.
Presley, Eleanor S.	63	"	"	"	New Hampshire.	Jan.	"
Donovan, Charles J.	52	M.	"	Single	"	Feb.	Mitral regurgitation.
Farnum, Henry O.	62	"	"	Married	Massachusetts.	Feb.	Paresis.
Ramsey, Sarah A.	58	F.	"	"	New Hampshire.	Feb.	Hemorrhage of stomach.
Cheney, Frank R.	41	M.	"	"	"	Feb.	Paresis.
Page, Mary F.	62	F.	"	"	"	Feb.	Hemorrhage.
Planc, Mary A.	62	"	"	Single	"	Feb.	Cerebral hemorrhage.

TABLE No. 6.—Continued. —DEATHS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of death.	Cause of death.
	Years.	Male.	Female.	Color.			
		Single, married or widowed.					
Ahearn, John P.....	42	M.		W.	New Hampshire.	Feb. 23, 1912	Acute alcoholism.
Moren, Joseph.....	74	"			Canada.....	Feb. 24, 1912	Fracture of left femur.
Spaulding, Emma.....	64	F.			New Hampshire.	March 2, 1912	Cerebral hemorrhage.
Richards, Fred.....	47	M.			Canada.....	March 4, 1912	Paresis.
Egan, Bridget.....	42	F.			Ireland.....	March 4, 1912	Cerebral hemorrhage.
Knowlton, Albert.....	63	M.			New Hampshire.	March 18, 1912	Endocarditis.
Aldrich, David W.....	65	"			England.....	March 22, 1912	Cerebral hemorrhage.
Inglis, Jessie.....	49	F.			New Hampshire.	March 28, 1912	Mitral regurgitation.
Jones, Olive.....	52	"			Ireland.....	April 1, 1912	Exhaustion in melancholia.
Foreman, Rose.....	45	"			New Hampshire.	April 1, 1912	Valvular disease of heart.
Kelley, James.....	38	M.			New Hampshire.	April 4, 1912	Exhaustion in acute mania.
Tattersall, Hattie G.....	28	"			Province Quebec.	April 4, 1912	Mitral regurgitation.
Latontaine, Urie.....	26	M.			".....	April 6, 1912	Strangulation (suicide).
Pinard, Solomon.....	45	"			New Hampshire.	April 8, 1912	Paresis.
Hayes, Mary Etta.....	40	F.			Ireland.....	April 8, 1912	Exhaustion in chronic melan-
Lee, Bridget.....	38	M.			New Hampshire.	April 13, 1912	Exhaustion in chronic melan-
Shattuck, Edwin E.....	81	"			".....	April 13, 1912	Tuberculosis of intestines.
Martin, Eugene.....	51	"			".....	April 18, 1912	Cerebral hemorrhage.
Talty, James.....	50	"			".....	April 19, 1912	Measles.
Watson, Lydia.....	79	F.			".....	April 21, 1912	Exhaustion in insanity.
Robinson, Hannah M.....	59	"			New Brunswick.	April 21, 1912	Arteriosclerosis.
Messer, Mary C.....	76	"			New Hampshire.	April 23, 1912	Exhaustion in melancholia.
Garnett, Josiah.....	75	M.			United States.....	April 26, 1912	Chronic Bright's disease.
Nutting, Catherine D.....	70	F.			New Hampshire.	April 28, 1912	Chronic interstitial nephritis.
Hull, Sadie E.....	36	"			".....	April 30, 1912	".....
Lockhart, Maud U.....	43	"			Nova Scotia.....	May 3, 1912	Paresis.
Peaslee, Edmund E.....	58	M.			Ireland.....	May 3, 1912	Exhaustion in melancholia.
Murphy, Daniel.....	90+	"			".....	May 4, 1912	Mitral regurgitation.
Dolloff, Clara R.....	74	F.			Maine.....	May 8, 1912	Exhaustion in senile dementia.
						May 11, 1912	Chronic interstitial nephritis.



Edney, Josephine.....	29	F.	W.	Single.....	New Hampshire.....	May	11, 1912	Paresis.
Pelkey, Joe.....	52	M.	"	Married.....	Maine.....	May	14, 1912	Exhaustion in acute mania.
Abbott, Florence S.....	34	F.	"	".....	New Hampshire.....	May	15, 1912	Carcinoma of abdominal viscera.
Collins, Charlotte.....	83	"	"	".....	England.....	May	16, 1912	Diabetes mellitus.
O'Connors, Charles.....	60	M.	"	Widowed.....	New Hampshire.....	May	22, 1912	Hypostatic pneumonia.
Potter, Phendrus H.....	73	"	"	Married.....	".....	May	26, 1912	Mitral insufficiency.
Smith, Lottie J.....	50	F.	"	Single.....	New Brunswick.....	May	26, 1912	Exhaustion in dementia praecox.
Grook, Bridget.....	70	"	"	".....	Ireland.....	June	8, 1912	Hemorrhagic dysentery.
Morrill, Victoria W.....	36	"	"	Married.....	New Hampshire.....	June	22, 1912	Cerebral abscess.
Pearsons, Juliette L.....	75	"	"	".....	".....	June	22, 1912	Tubercular pleurisy.
Holt, Thomas M.....	27	M.	"	Single.....	Massachusetts.....	June	26, 1912	Chronic interstitial nephritis.
Parkhurst, Granville.....	65	F.	"	Married.....	New Hampshire.....	June	26, 1912	"
Marston, Marianna.....	44	M.	"	Single.....	".....	June	27, 1912	Exhaustion in dementia praecox.
Roscher, William.....	22	M.	"	".....	".....	June	29, 1912	Cerebral hemorrhage.
Dismore, Grace C.....	39	F.	"	Married.....	United States.....	July	9, 1912	Exhaustion in melancholia.
Gannon, George F.....	44	M.	"	Single.....	New Hampshire.....	July	9, 1912	Exhaustion in melancholia.
Robinson, Gertrude.....	26	F.	"	Widowed.....	Ireland.....	July	9, 1912	Heat exhaustion.
McGuire, Elizabeth.....	75	"	"	Married.....	Canada.....	July	10, 1912	Dysentery and enteritis.
LaChance, Julia.....	51	M.	"	".....	Maine.....	July	12, 1912	Paresis.
Thompson, Joseph M.....	33	M.	"	".....	New Hampshire.....	July	16, 1912	Exhaustion in melancholia.
Barker, Cora E.....	52	F.	"	".....	".....	July	18, 1912	Paresis.
Kidder, Frank P.....	59	M.	"	Married.....	New Hampshire.....	July	21, 1912	Exhaustion in involutional melancholia.
French, Emily B.....	72	F.	"	Single.....	Massachusetts.....	July	23, 1912	Epileptic coma following convulsions.
Kenniston, Bert.....	52	M.	"	Married.....	New Hampshire.....	July	23, 1912	Septicemia.
Williams, Asa.....	52	F.	"	Single.....	".....	July	27, 1912	Paresis.
Barker, Hattie.....	51	M.	"	".....	Maine.....	July	29, 1912	Exhaustion in senile dementia.
Poulin, Alfred.....	40	M.	"	Widowed.....	New Hampshire.....	July	29, 1912	Exhaustion in involutional melancholia.
Lyford, Clara.....	60	M.	"	Married.....	England.....	Aug.	6, 1912	Exhaustion in acute melancholia.
Perrigo, James E.....	37	F.	"	Single.....	New Hampshire.....	Aug.	7, 1912	Cancer.
St. Parks, Eleanor.....	36	M.	"	".....	Massachusetts.....	Aug.	13, 1912	Enterocolitis.
Breed, Leonard.....	53	M.	"	Married.....	New Hampshire.....	Aug.	13, 1912	Exhaustion in senile dementia.
Tolles, Ellen F.....	67	F.	"	Single.....	".....	Aug.	20, 1912	Diarrhea and enteritis.
Phelps, Amanda.....	56	"	"	Married.....	".....	Aug.	21, 1912	Mitral regurgitation.
Tarr, Adelaide H.....	54	M.	"	Single.....	Maine.....	Aug.	22, 1912	Abscess of liver.
Symonds, George W.....	50	"	"	".....	Vermont.....	Aug.	23, 1912	Diarrhea and enteritis.
Crowley, Jesse.....	51	"	"	".....	United States.....	Aug.	25, 1912	Cerebral hemorrhage.
Canelise, Charles.....	35	"	"	Married.....	Ireland.....	Aug.	27, 1912	Exhaustion in senile dementia.
Hadley, Mark M.....	72	"	"	Widowed.....	New Hampshire.....	Aug.	27, 1912	Typhoid fever.
Howe, James.....	75	F.	"	".....	".....	Aug.	30, 1912	"
Hastings, Susan E.....	72	M.	"	".....	Hungary.....	Aug.	30, 1912	"
Rudolph.....	53	"	"	".....	".....	"	"	"

TABLE No. 6.—Continued.—DEATHS.

*Persons who died at the Rockingham County Asylum during the year ending August 31, 1912.*

None.

*Persons who died at the Strafford County Asylum during the year ending August 31, 1912.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of death.	How long at institution.			Cause of death.
	Years.	Male.	Female.	Color.	Single, married or widowed.		Years.	Months.	Days.	
Hall, Hannah....	79	.....	F.	W.	Widowed	American .....	Oct.	1, 1911	2 ..	Apoplexy.

*Persons who died at the Belknap County Asylum during the year ending August 31, 1912.*

None.

*Persons who died at the Carroll County Asylum during the year ending August 31, 1912.*

None.

*Persons who died at the Merrimack County Asylum during the year ending August 31, 1912.*

None.

*Persons who died at the Hillsborough County Asylum during the year ending August 31, 1912.*

Clancey, Mary .....	58	F.	W.	Single	Irish	Aug. 8, 1912	20	4	6	Dementia.
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*Persons who died at the Cheshire County Asylum during the year ending August 31, 1912.*

Dillon, Ellen .....	79	F.	W.	Widowed	Irish	April 13, 1912	21	4	10	Heart disease.
Lakin, Annie A. ....	57				American	April 23, 1912	14	1	..	

*Persons who died at the Sullivan County Asylum during the year ending August 31, 1912.*

Gowey, Elizabeth .....	67	F.	W.	Widowed		Dec. 23, 1911	6	..	..	Interstitial nephritis.
Hurlough, John .....	90	M.				July 7, 1912	1	..	..	Senile dementia (old age).

*Persons who died at the Grafton County Asylum during the year ending August 31, 1912.*

None.

*Persons who died at the Coös County Asylum during the year ending August 31, 1912.*

None.

TABLE No. 7.

*Persons who received State Aid at the New Hampshire State Hospital by Order of the Commissioners of Lunacy during the two years, September 1, 1910, to August 31, 1912, inclusive, not including those whose complete record is given in former reports.*

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Abbott, Charles.....	Strafford.....	Nov. 6, 1911	
Abbott, Dexter.....	Hillsborough.....	Oct. 23, 1907	
Adams, Albert E.....	Belknap.....	March 11, 1908	
Adams, Blanche L.....	".....	Nov. 4, 1910	
Adams, Frank.....	Merrimack.....	April 23, 1912	May 8, 1912
Adams, Moses.....	".....	July 1, 1907	Jan. 28, 1911
Adishian, Salag.....	Coos.....	April 1, 1907	
Ahern, Bessie.....	Cheshire.....	Aug. 27, 1908	March 29, 1911
Ahern, Margaret.....	Hillsborough.....	April 8, 1912	
Akmekeyran, Steven.....	Rockingham.....	Oct. 9, 1911	
Aldrich, David W.....	Grafton.....	Feb. 15, 1912	March 18, 1912
Alexander, John.....	Coos.....	Dec. 2, 1911	
Allen, Helen J. A.....	Merrimack.....	Nov. 1, 1909	Oct. 7, 1910
Anderson, Ida.....	".....	Jan. 31, 1910	
Anderson, Louise.....	Hillsborough.....	Nov. 2, 1904	
Anderson, Peter.....	Merrimack.....	Jan. 1, 1905	
Andrews, Lillian.....	Belknap.....	Jan. 1, 1908	
Annis, John S.....	Rockingham.....	Aug. 17, 1904	
Archibald, Olive.....	Merrimack.....	Jan. 11, 1911	
Arell, Peter.....	".....	Jan. 26, 1909	
Arnold, Mary Ada.....	Belknap.....	Dec. 5, 1910	
Arsenault, Benjamin.....	Rockingham.....	Sept. 7, 1910	April 29, 1911
Atwood, Flora.....	Merrimack.....	April 1, 1907	
Atwood, Maria.....	".....	March 2, 1912	July 3, 1912
Autil, Alma.....	Hillsborough.....	June 1, 1911	July 15, 1911
Aulis, Thomas H.....	Grafton.....	June 15, 1907	
Avery, Laura.....	Merrimack.....	Dec. 19, 1904	
Babin, Alphonse.....	Rockingham.....	May 29, 1911	Aug. 3, 1911
Badger, Pearl*.....	Grafton.....	Nov. 29, 1911	July 1, 1912
Baker, William.....	Hillsborough.....	Aug. 27, 1912	
Barber, Lydia.....	Sullivan.....	Sept. 1, 1911	
Barbour, Ernest.....	Hillsborough.....	Jan. 1, 1905	
Barker, Edward A.....	".....	April 25, 1912	
Barnes, Herbert.....	".....	Oct. 23, 1907	
Barr, Arthur L.....	Strafford.....	July 26, 1910	
Bartlett, Alice S.....	".....	April 1, 1907	
Bartlett, Frances.....	Hillsborough.....	April 15, 1908	Oct. 4, 1910
Baschon, Nathan.....	Merrimack.....	May 29, 1911	June 14, 1911
Batchelder, Florence.....	Rockingham.....	Feb. 7, 1905	
Bean, Hattie.....	".....	Jan. 1, 1905	
Bean, Mark O.....	Carroll.....	Aug. 20, 1908	
Beatty, Roland.....	Belknap.....	Oct. 22, 1908	
Beaulieu.....	Hillsborough.....	Aug. 30, 1912	
Bedel, Alice.....	Coos.....	Nov. 6, 1908	
Beers, Richard.....	Merrimack.....	April 1, 1907	
Beirne, James P.....	Cheshire.....	Jan. 1, 1905	
Bellemare, Hermine.....	Hillsborough.....	June 3, 1910	July 23, 1911
Bellware, Rosalie.....	Grafton.....	June 14, 1911	May 17, 1912
Bennett, Aaron.....	Coos.....	Feb. 25, 1912	
Bennett, Henry.....	Hillsborough.....	Aug. 16, 1912	
Bennett, William.....	Strafford.....	May 24, 1911	
Benoit, Armidas.....	Hillsborough.....	Jan. 1, 1905	
Benoit, Mary.....	Merrimack.....	June 24, 1908	

\*Partial support.

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Bergeron, Joseph.....	Strafford.....	Sept. 19, 1908	
Bernies, J. O.....	Hillsborough.....	June 29, 1912	
Bernoskey, Morris.....	".....	July 25, 1912	
Berritt, Harvey C.....	Grafton.....	April 1, 1907	
Berry, Grace.....	Carroll.....	Oct. 25, 1911	July 26, 1912
Berry, John H.....	Strafford.....	April 1, 1903	
Berry, Laura A.....	".....	Jan. 1, 1905	
Berry, Marshall.....	Carroll.....	Sept. 8, 1908	
Berry, Ralph L.....	Strafford.....	April 13, 1908	
Berrube, Alcede.....	".....	Sept. 17, 1904	
Besile, Isai.....	Hillsborough.....	March 10, 1909	
Betham, Aurant.....	Merrimack.....	Dec. 4, 1902	
Beyer, Joseph J.....	Rockingham.....	June 14, 1911	
Billet, Gustave A.....	Belknap.....	Jan. 1, 1905	
Bird, Olivine.....	Hillsborough.....	April 15, 1908	Sept. 20, 1910
Bisson, Maggie.....	Belknap.....	Nov. 30, 1909	
Bixby, Elizabeth*.....	Hillsborough.....	Dec. 22, 1910	
Blain, Jules.....	".....	April 1, 1907	
Blake, Izetta D.*.....	Merrimack.....	April 1, 1907	
Blake, William B.....	Rockingham.....	Jan. 1, 1907	
Blanchard, Charles H.....	Merrimack.....	Dec. 1, 1908	
Bliss, Lucy.....	Hillsborough.....	May 20, 1910	
Blood, Charles C.....	".....	Nov. 21, 1905	
Blood, Edwin P.....	Merrimack.....	April 1, 1907	
Blood, Fred C.....	Hillsborough.....	March 4, 1910	June 30, 1911
Bodge, Lois E.*.....	".....	Dec. 14, 1911	
Boiley, Ernest.....	".....	March 30, 1909	
Boisvert, Elmer.....	".....	April 15, 1908	
Boisvert, Fred.....	".....	June 15, 1907	
Boisvert, Phæbe.....	".....	March 5, 1912	
Bonneau, Vittoline.....	Sullivan.....	Dec. 26, 1907	
Bordeau, Simon.....	Merrimack.....	Jan. 1, 1905	
Borden, Frank.....	Hillsborough.....	Oct. 23, 1907	
Bornstein, Emma.....	Coos.....	Feb. 13, 1912	July 19, 1912
Boudreau, James.....	Merrimack.....	Dec. 23, 1909	Nov. 30, 1910
Bournival, George.....	Hillsborough.....	Aug. 26, 1910	
Boutin, Angeline.....	".....	April 15, 1908	Jan. 9, 1912
Bowen, Allyn G.....	".....	June 18, 1912	
Bowles, John H.....	Grafton.....	Nov. 3, 1910	
Boyle, James A.....	Hillsborough.....	Feb. 9, 1909	
Brackett, Ida C.....	Coos.....	June 14, 1912	
Brent, Charles.....	Grafton.....	July 28, 1910	
Brickett, George.....	Rockingham.....	July 1, 1907	
Britton, Michael J.....	Hillsborough.....	May 9, 1912	Aug. 20, 1912
Brooks, Jennie.....	Sullivan.....	Dec. 28, 1907	
Brooks, Martin.....	Rockingham.....	Nov. 28, 1910	
Brown, Alfred H.....	".....	April 1, 1907	
Brown, Alfred K.....	".....	Jan. 1, 1905	
Brown, Almira.....	Belknap.....	May 16, 1912	
Brown, Annie.....	Cheshire.....	Jan. 1, 1907	
Brown, Bonavista.....	Rockingham.....	May 24, 1910	
Brown, Claudia.....	Hillsborough.....	Feb. 1, 1911	
Brown, Emma.....	Merrimack.....	Sept. 16, 1907	Sept. 21, 1911
Brown, Frank Martin.....	Rockingham.....	March 11, 1910	Sept. 2, 1911
Brown, George W.....	Merrimack.....	Jan. 1, 1905	July 3, 1911
Brown, George W., 2d.....	Cheshire.....	July 1, 1907	
Brown, Harry.....	Rockingham.....	Oct. 22, 1908	
Brown, James.....	Strafford.....	June 8, 1911	
Brown, Lillian D.....	Hillsborough.....	March 1, 1912	
Brown, Lizzie.....	".....	Nov. 24, 1911	Jan. 9, 1912
Brown, Mary B.....	Rockingham.....	March 2, 1912	

\*Partial support.

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Brown, Mertie.....	Merrimack.....	Nov. 23, 1911	
Brown, Susan J.....	Rockingham.....	May 18, 1909	
Bruce, Carl.....	Hillsborough.....	July 23, 1909	Sept. 3, 1910
Bryant, Ernest.....	Cheshire.....	April 11, 1911	Feb. 23, 1912
Bryden, David.....	Strafford.....	May 9, 1904	Dec. 12, 1910
Burbank, Henry.....	Carroll.....	Oct. 4, 1910	
Burbridge, Elizabeth.....	Belknap.....	July 13, 1912	July 27, 1912
Burgoin, Concorde.....	Hillsborough.....	April 1, 1907	
Burns, Ella F.....	".....	Feb. 1, 1911	Aug. 27, 1911
Burr, Emma J.....	Sullivan.....	Jan. 1, 1905	
Burroughs, John M.....	Strafford.....	Feb. 14, 1906	
Butterick, Maria*.....	Cheshire.....	April 1, 1908	Jan. 10, 1911
Byrns, Ambrose G.....	".....	Aug. 31, 1910	
Cady, Edward L.....	Merrimack.....	Dec. 19, 1901	
Callaghan, Ellen.....	Grafton.....	Oct. 11, 1907	Nov. 30, 1911
Cameria, Charles.....	Rockingham.....	Jan. 7, 1911	Aug. 25, 1912
Cameron, James W.....	".....	July 1, 1908	
Canney, John H.....	Strafford.....	Nov. 11, 1909	May 31, 1911
Cannon, John.....	Hillsborough.....	June 22, 1911	July 8, 1911
Card, John P.....	Strafford.....	Aug. 2, 1911	Aug. 13, 1912
Cardin, William.....	Hillsborough.....	April 1, 1907	
Carlson, August.....	Merrimack.....	Oct. 19, 1908	
Carpenter, Thomas E.....	Cheshire.....	Sept. 12, 1907	Jan. 5, 1912
Carr, Harriet A.....	Rockingham.....	Sept. 29, 1909	
Carr, Jennie L.....	Merrimack.....	March 13, 1911	July 3, 1911
Carriere, Josephine.....	Hillsborough.....	April 1, 1910	
Carriveau, George.....	Merrimack.....	Oct. 1, 1907	
Carroll, Catherine.....	Cheshire.....	April 2, 1910	June 16, 1911
Carroll, Mary.....	Hillsborough.....	Aug. 26, 1910	May 7, 1911
Carson, Grace.....	Merrimack.....	May 12, 1908	
Carter, George.....	".....	Jan. 1, 1905	
Carter, Mary.....	".....	Nov. 28, 1910	April 22, 1911
Casey, James H.*.....	Strafford.....	March 1, 1912	
Casey, Mary.....	Coos.....	April 9, 1909	
Cashien, Martin.....	Merrimack.....	Jan. 1, 1905	July 24, 1911
Cassidy, Frank E.....	Strafford.....	Oct. 10, 1911	
Castagne, Frank.....	Merrimack.....	Jan. 1, 1905	
Caswell, Frank J.....	Rockingham.....	Jan. 26, 1910	May 22, 1911
Caswell, Frank.....	Merrimack.....	June 27, 1912	
Cate, Christie McK.....	Hillsborough.....	Jan. 15, 1907	
Cayu, Eugene.....	Merrimack.....	July 4, 1911	July 8, 1911
Chaloner, Hazel W.....	Hillsborough.....	July 19, 1911	
Chamberlain, Martha.....	Merrimack.....	Jan. 11, 1911	
Chandler, Isaac S.....	".....	June 29, 1911	
Chapman, Mary.....	Grafton.....	Feb. 6, 1908	
Chapman, William E.....	Rockingham.....	Aug. 20, 1910	
Charait, David.....	Hillsborough.....	June 10, 1910	
Charbonneau, Mathew.....	".....	Nov. 1, 1911	Nov. 16, 1911
Chase, Eugene M.*.....	".....	June 21, 1910	
Chase, Nellie.....	Grafton.....	Feb. 6, 1908	
Chase, Odell R.....	Carroll.....	May 30, 1905	
Chasse, Narcisse.....	Hillsborough.....	May 26, 1911	
Cheney, Charles.....	Grafton.....	Jan. 1, 1905	
Cheney, Frank R.....	Hillsborough.....	June 5, 1911	Feb. 6, 1912
Chick, George A.....	Strafford.....	Feb. 20, 1911	Aug. 19, 1911
Choschy, Herman J.....	Sullivan.....	April 1, 1907	
Christian, John.....	Hillsborough.....	June 13, 1911	
Clancy, John H.....	Coos.....	Sept. 15, 1908	
Clark, Edith.....	Merrimack.....	Jan. 1, 1905	
Clark, James.....	".....	Jan. 1, 1905	
Clark, Jennie Atherton.....	Grafton.....	Aug. 18, 1909	

\* Partial support.



TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Clark, Julian O .....	Hillsborough.....	Oct. 23, 1907	
Claatur, Odile .....	" .....	Sept. 1, 1911	
Clay, Daniel.....	Merrimack.....	Jan. 11, 1911	June 12, 1911
Clayton, Betsy.....	Strafford.....	Jan. 23, 1908	
Clegg, William N.....	Cheshire.....	Jan. 1, 1905	
Cobb, Fay Hill.....	Grafton.....	Aug. 16, 1909	
Cofran, Samuel B.*.....	Merrimack.....	Sept. 1, 1910	
Cohen, Golden.....	" .....	Dec. 20, 1911	
Colby, Annie.....	Grafton.....	Feb. 6, 1908	
Cole, Selina.....	Hillsborough.....	May 4, 1908	July 22, 1911
Cole, Selina.....	" .....	Dec. 18, 1911	
Coleman, Frank.....	Strafford.....	Jan. 1, 1912	
Coleman, William.....	Merrimack.....	April 1, 1907	
Collins, Charlotte.....	" .....	April 1, 1907	May 16, 1912
Collins, Margaret M.....	Hillsborough.....	Nov. 1, 1907	
Colewell, Hattie L.....	Belknap.....	Feb. 25, 1909	
Conant, Grace.....	Hillsborough.....	Feb. 14, 1908	Sept. 4, 1911
Conlon, Annie M.....	" .....	June 19, 1909	
Conneley, Thomas.....	Merrimack.....	Jan. 17, 1910	
Connors, Mary.....	Hillsborough.....	Aug. 12, 1912	
Conovan, James.....	Merrimack.....	Dec. 17, 1906	
Constant, Gideon.....	" .....	July 24, 1912	
Cook, Benjamin Cleveland.....	" .....	March 14, 1901	July 20, 1912
Cook, Herbert W.....	" .....	March 2, 1907	June 23, 1911
Cook, Carrie.....	Hillsborough.....	Aug. 15, 1910	
Copp, Mina.....	Grafton.....	Feb. 6, 1908	
Corbet, Margaret.....	Cheshire.....	June 4, 1907	
Corey, Sarah.....	Sullivan.....	Dec. 28, 1911	
Corson, Eva M.....	Rockingham.....	Jan. 1, 1905	July 11, 1912
Cotton, Willard B.....	" .....	Jan. 13, 1912	
County, Mary J.....	Hillsborough.....	Aug. 25, 1909	
Couture, Albert.....	Merrimack.....	Dec. 18, 1911	June 3, 1912
Cram, Bertha F.....	Hillsborough.....	Sept. 15, 1910	Oct. 21, 1910
Creteau, Frederick.....	Rockingham.....	March 13, 1911	Aug. 9, 1911
Crocker, Burtis A.....	Cheshire.....	Jan. 1, 1905	
Croke, Patrick.....	Merrimack.....	Dec. 31, 1910	Jan. 12, 1911
Crompton, William.....	Rockingham.....	April 1, 1907	
Cromwell, Catherine.....	Merrimack.....	Sept. 1, 1911	
Cronin, William.....	Rockingham.....	May 26, 1908	Nov. 14, 1910
Crosby, Benjamin.....	Cheshire.....	July 1, 1907	
Cross, Frank R.....	Belknap.....	Aug. 20, 1908	June 15, 1911
Croteau, Ernest.....	Hillsborough.....	June 20, 1910	
Crowley, Jesse.....	Coos.....	July 1, 1911	Aug. 23, 1912
Crowley, John.....	Belknap.....	April 1, 1907	
Crowley, Mike.....	Coos.....	Feb. 12, 1912	Aug. 28, 1912
Cuddihy, James W.....	Hillsborough.....	Oct. 23, 1907	
Cuff, Mary Agnes.....	Rockingham.....	June 8, 1907	
Cummings, Harriet E.....	Hillsborough.....	Aug. 2, 1906	
Cunningham, John.....	Rockingham.....	Nov. 8, 1907	
Currier, Josephine.....	Belknap.....	May 22, 1909	
Curtis, Henry.....	Strafford.....	Dec. 1, 1911	
Cutler, Carlos L.....	Rockingham.....	Jan. 15, 1909	Jan. 15, 1911
Cutter, Mary.....	Grafton.....	Jan. 1, 1905	
Cutting, Ina.....	" .....	June 1, 1911	
Daniels, Antoine N.....	Hillsborough.....	April 29, 1911	
Daniels, George L.....	" .....	Oct. 23, 1907	
Dansereault, Frank.....	Strafford.....	Jan. 1, 1905	
Davidson, William O.....	Hillsborough.....	May 29, 1911	June 9, 1911
Davis, Alecia M.....	Grafton.....	Jan. 1, 1905	
Davis, Annie.....	Strafford.....	May 12, 1910	Nov. 22, 1910
Davis, Arthur W.....	Sullivan.....	July 31, 1908	

\* Partial support.



TABLE No. 7.—Continued.

NAMES	Where from— County.	State aid at State Hospital began.	Date of discharge.
Davis, Charles Frank . . . . .	Strafford. . . . .	Nov. 29, 1909	
Davis, Harriet . . . . .	Grafton. . . . .	Dec. 8, 1911	Aug. 17, 1912
Davis, Lizzie . . . . .	Rockingham. . . . .	Nov. 5, 1908	
Dawdy, Richard . . . . .	Coos. . . . .	Oct. 26, 1911	Dec. 12, 1911
Dawson, Alexander . . . . .	Rockingham. . . . .	July 5, 1911	Aug. 29, 1911
Daymouth, Mary . . . . .	Hillsborough. . . . .	April 1, 1907	
Dearborn, Elizabeth A. . . . .	Rockingham. . . . .	Jan. 1, 1905	
Delio, Nicholas . . . . .	Hillsborough. . . . .	Nov. 10, 1911	Jan. 21, 1912
Dellaire, Oran . . . . .	" . . . . .	March 23, 1912	
Dempsey, Frances. . . . .	Strafford. . . . .	May 9, 1907	
Denerge, Dequander. . . . .	Hillsborough. . . . .	July 16, 1910	April 29, 1911
Desmaris, Mary . . . . .	Merrimack. . . . .	July 18, 1907	
Dexter, Hattie S. . . . .	Belknap. . . . .	Feb. 14, 1905	
Dickey, May . . . . .	Rockingham. . . . .	April 14, 1912	April 14, 1912
Dion, Joseph . . . . .	Hillsborough. . . . .	Jan. 4, 1908	
Dione, Louis . . . . .	" . . . . .	Jan. 1, 1905	
Dionne, Ivanho . . . . .	Strafford. . . . .	Jan. 25, 1899	
Dionne, Josephine. . . . .	" . . . . .	April 1, 1907	
Dixon, Emma J. . . . .	" . . . . .	March 5, 1910	
Dockham, Earl G. . . . .	Belknap. . . . .	Jan. 20, 1912	
Dodge, Lizzie T. . . . .	" . . . . .	April 1, 1907	
Dodge, Arthur . . . . .	Merrimack. . . . .	June 16, 1912	June 28, 1912
Dolan, Charles. . . . .	" . . . . .	Oct. 14, 1911	Oct. 23, 1911
Dolloff, Clara. . . . .	Carroll. . . . .	April 1, 1907	May 11, 1912
Donnar, John . . . . .	Merrimack. . . . .	Jan. 31, 1908	
Donnelly, Edward. . . . .	Sullivan. . . . .	Aug. 17, 1909	
Donnelly, Alice . . . . .	Strafford. . . . .	Aug. 30, 1910	
Donovan, Charles J. . . . .	Belknap. . . . .	Jan. 14, 1905	Feb. 1, 1912
Dowaliby, Michael A. . . . .	Strafford. . . . .	May 14, 1908	
Dowst, Clarence L. . . . .	Grafton. . . . .	Sept. 1, 1911	
Dowst, Martha A. . . . .	Merrimack. . . . .	June 8, 1908	Dec. 13, 1911
Doyle, Sylvester. . . . .	Cheshire. . . . .	Jan. 1, 1905	
Drago, George B. . . . .	Hillsborough. . . . .	July 24, 1908	Nov. 8, 1910
Drew, George H. . . . .	Merrimack. . . . .	April 19, 1911	Aug. 9, 1911
Driscoll, Jeremiah. . . . .	Grafton. . . . .	May 21, 1910	
Driscoll, Mary . . . . .	Hillsborough. . . . .	Jan. 1, 1905	Oct. 14, 1911
Driscoll, Mary J. . . . .	Merrimack. . . . .	Sept. 24, 1910	
Dube, Eugenie. . . . .	Cheshire. . . . .	June 4, 1907	
Ducharme, Agnes . . . . .	Merrimack. . . . .	April 8, 1912	April 14, 1912
Duffy, Mabel. . . . .	Hillsborough. . . . .	Aug. 20, 1912	
Duffy, John . . . . .	Rockingham. . . . .	March 7, 1912	
Dufresne, Ludger J. . . . .	" . . . . .	July 14, 1911	Aug. 23, 1911
Dunham, Etta M. . . . .	" . . . . .	Oct. 23, 1908	
Dunn, Mary . . . . .	Cheshire. . . . .	Sept. 5, 1911	
Duplesee, Obeline. . . . .	" . . . . .	Jan. 1, 1905	
Dupont, Alexander. . . . .	Hillsborough. . . . .	Oct. 17, 1911	June 7, 1912
Durant, Dolphine. . . . .	Merrimack. . . . .	Dec. 22, 1910	June 27, 1911
Darkin, Mary . . . . .	" . . . . .	Aug. 15, 1910	
Dusey, John. . . . .	Hillsborough. . . . .	Oct. 17, 1910	July 31, 1912
Dwyer, Patrick. . . . .	Rockingham. . . . .	March 1, 1910	
Dyer, John J. . . . .	Hillsborough. . . . .	Feb. 18, 1910	Sept. 11, 1910
Dysart, Willie . . . . .	Grafton. . . . .	Jan. 1, 1905	
Drew, George H. . . . .	Merrimack. . . . .	Aug. 6, 1912	
Eastman, Luella E. . . . .	Rockingham. . . . .	Sept. 14, 1908	
Eaton, Abbie. . . . .	Coos. . . . .	Sept. 22, 1910	Oct. 6, 1910
Eaton, George M. . . . .	Rockingham. . . . .	June 30, 1910	
Eaton, Richard. . . . .	Hillsborough. . . . .	Oct. 23, 1907	
Edgerly, Anna M.* . . . .	Merrimack. . . . .	Oct. 17, 1909	
Edgerly, Frederick H. . . . .	Carroll. . . . .	Jan. 1, 1905	
Edmunds, Ida . . . . .	Merrimack. . . . .	Aug. 8, 1910	
Edney, Josephine. . . . .	Rockingham. . . . .	Jan. 9, 1911	May 11, 1912

\* Partial support.

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Egan, Annie	Sullivan	Feb. 6, 1903	March 6, 1912
Egan, Bridget	Hillsborough	Oct. 9, 1911	
Egan, Thomas F.	Merrimack	June 29, 1911	
Ekblad, John	Rockingham	Jan. 1, 1908	Oct. 10, 1911
Elegian, John	Hillsborough	Oct. 20, 1911	
Ellis, Hollis M.	Belknap	April 1, 1907	
Ellsworth, Rowell	Grafton	Dec. 23, 1910	Jan. 1, 1911
Elsner, Louis	Rockingham	Jan. 1, 1905	
Elsner, Roy	June	19, 1911	
Emery, Frank D.	Hillsborough	Nov. 23, 1910	Aug. 12, 1911
Emery, Zoel	Cheshire	Jan. 20, 1903	
Erickson, Hannah	Merrimack	Sept. 20, 1905	
Ethier, Charles	Cheshire	Aug. 14, 1908	Feb. 2, 1912
Evans, Alice J.	Grafton	July 21, 1911	
Evans, Hattie L.	"	Jan. 1, 1905	
Everett, Annie	Cheshire	Jan. 1, 1905	March 24, 1911
Fagan, Eliza	Merrimack	April 1, 1907	
Fairfield, David G.	Cheshire	Feb. 25, 1909	
Fall, Jane L.	Strafford	April 24, 1911	July 3, 1911
Farmonian, Annie	Merrimack	Sept. 16, 1907	
Farnum, Henry O.	Hillsborough	Oct. 20, 1911	
Farnham, Herbert E.	Carroll	Jan. 1, 1905	Dec. 10, 1911
Fecteau, John	Strafford	April 1, 1907	
Ferkand, Angilina	Coos	May 13, 1907	
Fernald, Bracket L.	Carroll	July 6, 1911	Jan. 30, 1911
Fernald, Helen	Strafford	Nov. 19, 1910	
Filion, Peter	Grafton	Jan. 1, 1905	
Fisher, George	Merrimack	April 1, 1907	June 29, 1912
Fisher, Leon L.	Cheshire	May 7, 1912	
Fisk, William H.	Hillsborough	Jan. 1, 1907	
Fiske, Abbie	Merrimack	May 16, 1911	July 23, 1912
Fitz, John L.	"	Oct. 1, 1904	
Fitzgerald, Catherine	"	April 1, 1907	
Fitzmorris, Patrick	Hillsborough	May 25, 1911	April 1, 1912
Flanders, Reuben R.	Carroll	Sept. 15, 1909	
Flanders, Rose	Belknap	July 29, 1908	
Flanders, William G.	Grafton	Nov. 24, 1911	Oct. 6, 1910
Flessa, George	Hillsborough	Oct. 23, 1907	
Flisk, Peter	"	July 26, 1909	
Foley, Mary E.	"	Jan. 1, 1906	April 8, 1911
Follansbee, Commodore P.	Grafton	Dec. 12, 1906	
Fogg, Edwin E.	Carroll	July 18, 1911	
Forbes, Jessie	Coos	April 1, 1907	Sept. 2, 1911
Ford, Charles	Rockingham	Nov. 8, 1907	
Foreman, Rose	Hillsborough	Jan. 19, 1904	
Fortier, Leontine	Strafford	Sept. 16, 1910	May 19, 1912
Foss, Charles H.	Merrimack	Jan. 17, 1900	
Foster, Belle Buttrick	Rockingham	Sept. 15, 1907	
Fountain, Eddie	Strafford	April 1, 1907	Oct. 4, 1911
Frane, Henry	Hillsborough	Jan. 15, 1907	
Fredette, Joseph	"	April 1, 1907	
Freeto, Luella L.	Grafton	April 1, 1904	May 19, 1912
Fulton, Robert	Carroll	July 1, 1911	
Furbush, Mary A.	Strafford	Jan. 1, 1905	
Gadbois, Leo	Hillsborough	Aug. 1, 1911	Sept. 2, 1911
Gage, Lucy A.	Merrimack	March 1, 1909	
Galley, Nellie	Strafford	July 27, 1911	
Galway, Joseph X.	Hillsborough	April 2, 1911	Oct. 4, 1911
Gauvreau, Angelina	Merrimack	April 26, 1912	
Gayne, Michael	Rockingham	Dec. 9, 1904	
Gamberewski, Phillip	Grafton	Oct. 4, 1911	Feb. 7, 1912
Garland, Dexter	Belknap	Feb. 7, 1912	
Garland, William	Rockingham	Jan. 1, 1905	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Garrett, Tony.....	Strafford.....	Feb. 17, 1909	
Garvey, Jennie T.....	Merrimack.....	July 1, 1906	
Gauthier, Mary.....	Hillsborough.....	April 15, 1908	
Gauoreau, Angelina.....	Merrimack.....	April 26, 1912	
Gedraitis, Paul.....	Grafton.....	Dec. 24, 1907	
Genest, Charles.....	Coos.....	Oct. 29, 1907	
George, Archie C.....	Hillsborough.....	May 26, 1912	June 18, 1912
Gervais, Ludger.....	".....	Feb. 6, 1909	
Gibbons, Jennie.....	".....	April 28, 1908	July 15, 1911
Gibson, Elwin J.....	".....	Jan. 29, 1910	Oct. 8, 1910
Gibson, Elwin J.....	".....	June 8, 1911	Dec. 24, 1911
Gibson, Elwin J.....	".....	March 30, 1912	
Gibson, Wilbert.....	".....	May 12, 1910	July 22, 1912
Gignac, Rosanna.....	Belknap.....	April 1, 1907	
Gillan, Bertha K.....	Hillsborough.....	June 21, 1911	
Gillis, Warren D.....	".....	Oct. 23, 1907	March 3, 1911
Ginakis, Peter.....	".....	May 25, 1912	
Girard, Philomene.....	Merrimack.....	Nov. 15, 1911	Nov. 24, 1911
Glasco, Lavinia.....	Grafton.....	May 6, 1905	
Gleason, Frank.....	Hillsborough.....	Sept. 13, 1906	
Gleason, Katherine.....	".....	Sept. 20, 1910	March 29, 1911
Glidden, Walter C.....	Strafford.....	April 1, 1907	
Glines, Henrietta.....	Merrimack.....	March 24, 1908	
Glover, Lina Mae.....	Rockingham.....	July 28, 1908	
Good, James.....	Cheshire.....	Nov. 10, 1903	
Goodreau, Maria J.....	Hillsborough.....	March 27, 1912	
Goodwin, Etta L.....	Merrimack.....	July 11, 1903	
Goodwin, William.....	Hillsborough.....	Oct. 16, 1911	
Gordon, Lucius M.....	Belknap.....	Dec. 12, 1910	March 27, 1911
Grant, Anna M.....	Merrimack.....	July 11, 1901	
Grant, Betsey E.....	Carroll.....	Jan. 1, 1905	
Greaney, Maud.....	Hillsborough.....	June 6, 1909	
Grenier, Marie Rose D.....	".....	Sept. 1, 1911	
Greeley, George L.....	Merrimack.....	July 1, 1907	
Griffin, Charles H.....	Coos.....	March 5, 1910	
Griffin, Thomas.....	Hillsborough.....	Sept. 23, 1909	
Grook, Bridget.....	Merrimack.....	April 1, 1907	June 8, 1912
Groome, Millicent A.....	Coos.....	Nov. 15, 1909	April 22, 1910
Groome, Millicent A.....	".....	June 28, 1911	Jan. 28, 1912
Guilbeault, Lizzie.....	Hillsborough.....	Feb. 14, 1908	
Gulbin, Margaret.....	Coos.....	Sept. 26, 1910	May 16, 1911
Hadley, Ida E.....	Cheshire.....	May 21, 1907	July 10, 1911
Hale, Charles L.....	Belknap.....	April 1, 1907	
Hale, Charles W.....	Carroll.....	April 2, 1908	Sept. 24, 1910
Hale, Elvira.....	Rockingham.....	Jan. 11, 1912	April 6, 1912
Hale, Grace O.....	Cheshire.....	June 4, 1907	
Hale, Harry L.....	".....	June 4, 1907	
Haley, Elvira.....	Rockingham.....	July 31, 1912	
Hall, Oscar.....	Merrimack.....	Jan. 1, 1905	
Ham, Theron.....	Strafford.....	Oct. 28, 1909	March 30, 1911
Hammel, Alfred.....	Merrimack.....	Dec. 5, 1908	
Hammel, Alfred, Jr.....	".....	June 21, 1911	
Hannon, Mary.....	Strafford.....	Dec. 31, 1910	March 15, 1911
Hardy, Ethel L.....	Hillsborough.....	July 1, 1909	Aug. 31, 1911
Hardy, Mattie E.....	".....	April 1, 1907	
Hardy, Walter D.....	Merrimack.....	March 1, 1909	
Harlan, Mary.....	Hillsborough.....	Jan. 1, 1905	
Harper, Joseph.....	Cheshire.....	April 22, 1904	Oct. 28, 1911
Harrocks, Mabel.....	Rockingham.....	Jan. 17, 1912	May 29, 1912
Harrigan, Ethel.....	Grafton.....	Jan. 1, 1910	
Hart, Ella.....	Hillsborough.....	April 15, 1908	
Hart, Frank.....	".....	Dec. 22, 1910	
Hartigan, Margaret.....	".....	March 4, 1910	

# REPORT OF COMMISSIONER OF LUNACY.

## TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Hawes, Alice.....	Merrimack.....	Nov. 22, 1910	
Hayes, Herbert C.....	Strafford.....	June 1, 1909	
Hayes, Martha D.....	".....	Sept. 22, 1904	
Hayward, Annie.....	Merrimack.....	Jan. 1, 1905	
Hazen, Charles.....	Hillsborough.....	Dec. 1, 1910	
Healey, Patrick A.....	".....	April 22, 1906	
Heath, Bert E.....	Grafton.....	Nov. 7, 1910	Sept. 30, 1911
Heath, Mary J.....	Hillsborough.....	Sept. 9, 1909	
Heath, Will.....	Merrimack.....	July 12, 1911	July 15, 1911
Higgins, Herman.....	Hillsborough.....	Sept. 6, 1911	Dec. 24, 1911
Hill, Annie E.....	".....	Jan. 1, 1905	
Hill, Arthur.....	Grafton.....	Aug. 5, 1911	
Hill, Emma.....	Merrimack.....	Nov. 28, 1910	Dec. 18, 1910
Hill, Matilda.....	Cheshire.....	July 28, 1905	
Hillstrom, Olga.....	Strafford.....	April 1, 1907	
Hodsdon, Everett F.....	".....	April 1, 1907	
Hohenberger, Adam.....	Hillsborough.....	Oct. 23, 1907	
Holmes, Avis.....	".....	Jan. 13, 1909	Jan. 9, 1911
Holt, Fred.....	".....	Oct. 23, 1907	
Holt, Thomas M.....	Rockingham.....	Nov. 19, 1908	June 26, 1912
Hood, Susie P.....	Hillsborough.....	Nov. 27, 1908	
Horan, Ellen.....	".....	April 1, 1907	
Houlne, Georgeanna.....	".....	Feb. 15, 1912	Feb. 24, 1912
Hovey, John.....	Coos.....	Jan. 6, 1911	June 16, 1911
Howard, Alma M.....	Cheshire.....	May 13, 1912	
Howard, Anna.....	Grafton.....	April 1, 1907	
Howard, Jennie.....	Hillsborough.....	July 16, 1909	
Howe, Alberton W.....	Merrimack.....	June 1, 1910	Oct. 17, 1910
Howe, John C.....	Sullivan.....	Jan. 1, 1905	
Hoyt, Charles.....	Merrimack.....	Feb. 25, 1903	
Hoyt, Nora.....	Carroll.....	Feb. 26, 1909	
Hoyt, William.....	Strafford.....	Feb. 10, 1905	
Hubley, Frank E.....	Rockingham.....	Feb. 29, 1912	
Hubley, Thomas.....	".....	Jan. 1, 1905	
Hull, Elmer A.....	Hillsborough.....	March 10, 1909	
Hull, Sadie E.....	Grafton.....	May 23, 1908	May 3, 1912
Hutchinson, Margaret.....	Coos.....	Feb. 3, 1912	May 23, 1912
Ingalls, Bertha E.....	Hillsborough.....	April 1, 1907	
Inglis, Grace M.....	Rockingham.....	April 1, 1907	
Inglis, Jessie.....	Hillsborough.....	Jan. 1, 1908	March 22, 1912
Ingraham, Florence M.....	Cheshire.....	June 8, 1912	
Inkey, Sander.....	Merrimack.....	Nov. 28, 1911	May 6, 1912
Irvine, Joseph B.....	Strafford.....	Jan. 1, 1912	
Ives, Lizzie.....	Hillsborough.....	March 27, 1912	
Jackson, Henry.....	Coos.....	April 1, 1907	
Jacques, Lewis.....	Belknap.....	June 16, 1910	July 24, 1911
Janelle, Alphonse.....	Rockingham.....	April 1, 1907	
Janelle, Eleanor.....	Hillsborough.....	Jan. 1, 1905	
Jarvis, John H.....	Cheshire.....	Nov. 18, 1911	Aug. 17, 1912
Jenkins, Henry A.....	Strafford.....	June 12, 1908	Oct. 7, 1910
Jenness, Arthur M.....	".....	Oct. 18, 1910	
Jenness, Ivan D.....	Rockingham.....	June 28, 1911	Sept. 12, 1911
Jennings, John.....	Hillsborough.....	March 1, 1911	Aug. 5, 1911
Jette, Desire.....	".....	Oct. 24, 1911	
John, Phoebe.....	Coos.....	July 18, 1910	Nov. 21, 1910
Johnson, Ella F.....	Hillsborough.....	July 1, 1908	
Johnson, Everett.....	Strafford.....	June 27, 1905	
Johnson, James.....	Rockingham.....	March 3, 1905	
Johnson, Louisa F.....	Merrimack.....	Oct. 1, 1903	
Jones, Anna R.....	Hillsborough.....	Jan. 15, 1907	
Jones, Clara E.....	Strafford.....	Dec. 8, 1910	
Jones, Mabelle.....	Belknap.....	Feb. 27, 1909	Nov. 22, 1910
Jones, Thomas F.....	Rockingham.....	Oct. 24, 1908	

# REPORT OF COMMISSIONER OF LUNACY.

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Jones, William.....	Rockingham.....	June 19, 1911	
Josloski, Felix.....	Hillsborough.....	April 15, 1912	
Kaezerskis, Poolar.....	Grafton.....	Jan. 3, 1912	Feb. 12, 1912
Kallman, George.....	Hillsborough.....	Sept. 1, 1906	
Kandarian, Nazance.....	Hillsborough.....	April 11, 1911	
Kearns, Jane.....	".....	Feb. 17, 1909	
Keating, Edward.....	Rockingham.....	Sept. 12, 1911	Oct. 27, 1911
Keilty, Ellen.....	Hillsborough.....	April 15, 1908	
Kelley, Celia, No. 2.....	Coos.....	Jan. 1, 1905	
Kelley, James.....	Hillsborough.....	March 1, 1912	April 1, 1912
Kelliher, Kate.....	".....	Feb. 14, 1908	
Kelsey, Stanislaus V.....	".....	April 1, 1907	
Kempton, Allie O.....	Cheshire.....	Nov. 1, 1911	
Kennedy, Martha.....	Coos.....	March 22, 1909	Dec. 10, 1911
Kenniston, Bert.....	Merrimack.....	June 9, 1909	July 23, 1912
Keough, Thomas J.....	Grafton.....	Aug. 16, 1910	
Kerins, Margaret.....	Hillsborough.....	June 3, 1910	
Kerrigan, Frank.....	Grafton.....	Aug. 30, 1910	
Kerrigan, Margaret.....	Hillsborough.....	Jan. 1, 1905	Nov. 2, 1911
Keys, Delia.....	Coos.....	Jan. 7, 1909	
Kidder, Frank E.....	Hillsborough.....	March 3, 1910	Dec. 10, 1910
Kidder, William H.....	Grafton.....	July 13, 1910	
Kilby, William.....	".....	Dec. 2, 1911	Dec. 12, 1911
King, Louise E.....	Hillsborough.....	Jan. 1, 1905	
Kingsbury, Bertha A.....	Merrimack.....	Sept. 6, 1910	Dec. 24, 1910
Kingsbury, Bertha A.....	".....	May 3, 1912	
Knapp, George.....	Grafton.....	Dec. 7, 1910	
Kubiak, Pelagia.....	Rockingham.....	March 14, 1907	
LaBonte, Eva R.....	Strafford.....	Oct. 2, 1909	Feb. 4, 1912
LaChance, Julia.....	Hillsborough.....	Jan. 23, 1911	July 12, 1912
Ladd, Harvey A.....	Carroll.....	Aug. 5, 1909	Sept. 30, 1911
Ladd, Hattie.....	Merrimack.....	Sept. 16, 1907	
Lafernier, Ovila.....	Belknap.....	Jan. 26, 1911	
Laflotte, Mary Ann.....	Merrimack.....	June 17, 1909	
LaFond, Emma.....	Hillsborough.....	July 19, 1912	
Lafontaine, Ulric.....	".....	Nov. 15, 1911	April 6, 1912
Lafountain, Lewis.....	Coos.....	Oct. 19, 1908	
Lahey, Michel.....	Rockingham.....	July 27, 1910	
LaMere, Theophilus.....	Hillsborough.....	April 15, 1908	
Lane, Mary A.....	Rockingham.....	Dec. 1, 1909	Feb. 20, 1912
Landry, Nelson J.....	".....	Jan. 6, 1911	
Lang, Frank.....	Carroll.....	Sept. 3, 1910	
Langford, Thomas.....	Strafford.....	June 1, 1910	
Lanigan, Matti.....	Cheshire.....	June 4, 1907	
Lapane, Dolor.....	Grafton.....	June 3, 1912	
Lapierre, Digna M.....	Rockingham.....	Dec. 29, 1905	Jan. 12, 1912
LaPlant, Emily.....	Hillsborough.....	Feb. 8, 1907	Jan. 8, 1912
Largey, Michael.....	".....	Feb. 2, 1911	May 24, 1911
LaRoche, Frank.....	Sullivan.....	April 1, 1907	
Larey, Harley.....	Grafton.....	June 14, 1909	
Larsen, Betty.....	Coos.....	May 16, 1911	Oct. 22, 1911
Lavoit, Napoleon.....	".....	Nov. 7, 1911	Jan. 6, 1912
LaVoix, John.....	Cheshire.....	June 4, 1907	
Lawrence, George W.....	Hillsborough.....	April 1, 1912	July 31, 1912
Lawrence, Lewis.....	Sullivan.....	April 1, 1907	
Leach, Libeons A.....	Hillsborough.....	Jan. 1, 1905	
Leary, John, 2d.....	Strafford.....	Oct. 9, 1908	
Leary, Martha.....	Carroll.....	March 14, 1912	
Leash, Minnie.....	Cheshire.....	June 29, 1910	
Leavitt, Dixi S.....	Belknap.....	June 3, 1908	
Leavitt, Mary J.....	Merrimack.....	Jan. 11, 1911	
Leblond, Rosa.....	Hillsborough.....	Aug. 25, 1908	
LeClair, Samuel.....	".....	June 9, 1910	Jan. 17, 1911



TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Lee, Bridget.....	Hillsborough.....	Jan. 1, 1905	April 13, 1912
Lee, Kate.....	Rockingham.....	Sept. 2, 1905	
Lee, William H.....	Merrimack.....	May 22, 1911	
Lehmann, Frederick.....		April 30, 1912	Dec. 28, 1911
LeMay, Calixte.....	Hillsborough.....	Aug. 17, 1912	
Lemieux, Mary.....	".....	Aug. 1, 1911	
Lemsey, Edith.....	Carroll.....	Aug. 6, 1912	Dec. 28, 1911
Leonard, John.....	Hillsborough.....	Oct. 23, 1907	
Leonard, Katherine.....	Merrimack.....	April 29, 1908	
Leonard, Mary.....	Hillsborough.....	June 26, 1911	Dec. 25, 1911
Levermoir, Emma.....	".....	Jan. 1, 1905	
Lessard, Odohe.....	Merrimack.....	Aug. 15, 1912	
Levine, Ida.....	Strafford.....	Jan. 1, 1905	Nov. 16, 1910
Levisque, Cyrille.....	Hillsborough.....	Oct. 23, 1907	
Lewis, James.....	Strafford.....	Jan. 1, 1905	
Libby, Ida B.....	".....	April 1, 1907	May 3, 1912
Lindsey, Priscilla H.....	Hillsborough.....	Jan. 1, 1905	
Little, Frank.....	Grafton.....	April 1, 1907	
Little, H. Willis.....	".....	Jan. 1, 1905	May 3, 1912
Lock, Henry H.....	Strafford.....	Feb. 25, 1910	
Locke, Lester H.....	Rockingham.....	Aug. 18, 1910	
Lockhart, Maud N.....	Hillsborough.....	Jan. 3, 1912	Dec. 25, 1911
Loneragan, Bridget.....	Rockingham.....	Sept. 19, 1904	
Longval, Olivia.....	Hillsborough.....	May 4, 1912	
Lord, Georgiana A.....	Strafford.....	June 14, 1910	Dec. 25, 1911
Lord, James.....	Rockingham.....	Sept. 23, 1911	
Lord, Norman E.....	".....	Jan. 5, 1907	
Lounsbury, John Henry.....	Grafton.....	Nov. 27, 1907	June 19, 1912
Loveren, Gilbert H.....	Hillsborough.....	April 10, 1912	
Lucas, Eva.....	".....	June 20, 1912	
Lucas, Freeman D.....	Strafford.....	April 8, 1909	May 26, 1911
Lundberg, Hattie E.....	Rockingham.....	Oct. 7, 1904	
Luscier, Endocis P.....	Hillsborough.....	May 2, 1906	
Luscomb, Aubrey.....	Merrimack.....	Feb. 14, 1911	March 7, 1911
Lynch, Dennis J.....	Rockingham.....	Oct. 1, 1911	
Lynch, Julius.....	Hillsborough.....	Oct. 1, 1907	
Lynch, Ellen.....	".....	Aug. 22, 1911	Sept. 9, 1911
Lynch, Mary.....	".....	April 15, 1908	
Lyons, Mary.....	Strafford.....	April 1, 1907	
McAuliffe, Frank.....	Hillsborough.....	Oct. 23, 1907	June 17, 1911
McCallion, Sarah.....	Strafford.....	March 17, 1910	
McCam, James D.....	".....	July 27, 1912	
McColleston, Sarah C.....	Cheshire.....	Oct. 17, 1906	April 6, 1912
McConnell, Abba M.....	Merrimack.....	Sept. 7, 1909	
McDonald, Angus.....	Rockingham.....	April 1, 1907	
McDuffe, Alice C.....	Strafford.....	April 7, 1909	Dec. 22, 1911
Mace, Hiram.....	".....	June 2, 1905	
McGarey, James.....	Coos.....	Feb. 19, 1910	
McGilvray, Alice Maude.....	Sullivan.....	Dec. 15, 1910	Aug. 24, 1912
McGuire, Mary.....	Hillsborough.....	Aug. 1, 1912	
McIntire, Hattie E.....	Carroll.....	April 4, 1906	
McKee, Thomas.....	Hillsborough.....	Oct. 12, 1911	Sept. 6, 1911
McKernan, Thomas J.....	".....	Oct. 14, 1910	
McLaughlin, Julia.....	".....	Aug. 10, 1910	
McLaughlin, Marion.....	Cheshire.....	May 29, 1912	June 4, 1911
McMillan, Frank.....	Grafton.....	Nov. 18, 1909	
McNally, Francis.....	Rockingham.....	Dec. 31, 1910	
McNamara, Mary.....	Hillsborough.....	Jan. 1, 1905	July 18, 1911
McPherson, Emmaline.....	Sullivan.....	July 6, 1907	
McQuade, Clara A.....	Carroll.....	April 1, 1907	
McQuade, Nellie.....	".....	Jan. 1, 1905	Dec. 30, 1908
McQuade, Teresa A.....	Hillsborough.....	Dec. 30, 1908	
Madden, Bridget.....	Strafford.....	Jan. 1, 1905	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Magan, Mary.....	Hillsborough.....	Feb. 27, 1911	
Magnan, Lorenzo.....	Merrimack.....	July 29, 1912	
Maher, Phillip.....	Hillsborough.....	Sept. 29, 1903	
Mainard, Claudia.....	".....	April 17, 1908	
Malloy, John W.....	Coos.....	Dec. 6, 1911	
Malloy, Mary.....	Hillsborough.....	Dec. 4, 1909	April 24, 1911
Maloon, Nathaniel.....	Rockingham.....	Nov. 8, 1907	
Manderville, John R.....	Grafton.....	Jan. 1, 1905	
Mandigo, Merton.....	Rockingham.....	March 26, 1910	Sept. 2, 1910
Mann, Walter.....	Grafton.....	Jan. 1, 1908	
Manning, James M.....	Hillsborough.....	Jan. 9, 1911	April 9, 1911
Marcoux, Alma.....	Rockingham.....	Nov. 4, 1910	
Marquis, Joseph.....	Coos.....	Dec. 10, 1907	
Marston, Marianna.....	Merrimack.....	April 1, 1907	June 27, 1912
Marthier, Jaques.....	".....	April 1, 1907	
Martin, Julia J.....	".....	July 13, 1910	
Martin, Lizzie.....	Hillsborough.....	Feb. 24, 1906	
Martin, William.....	Carroll.....	Jan. 1, 1905	
Mason, Charles A.....	".....	Jan. 30, 1911	
Matson, Annie.....	Hillsborough.....	Jan. 19, 1911	May 9, 1911
Maynard, Mary H.....	Carroll.....	Oct. 18, 1911	
Melancon, Sarah L.....	Hillsborough.....	Jan. 1, 1905	Aug. 20, 1911
Mercon, Samuel.....	Merrimack.....	July 1, 1904	
Merchant, Addie P.....	Grafton.....	Oct. 2, 1911	Nov. 11, 1911
Merrill, Eliza.....	".....	Feb. 6, 1908	
Merrill, Herbert.....	Merrimack.....	May 9, 1912	
Merrill, Nellie.....	".....	Sept. 20, 1908	
Merrill, Simon T.....	Grafton.....	Aug. 24, 1905	Oct. 22, 1911
Michaud, Rose Anna.....	Hillsborough.....	Feb. 7, 1908	
Millard, Albert V.....	Merrimack.....	Dec. 1, 1908	Jan. 4, 1912
Miller, Esther.....	Coos.....	May 31, 1911	Dec. 28, 1911
Millett, George.....	Hillsborough.....	Oct. 23, 1907	
Milree, William J.....	Rockingham.....	Nov. 19, 1910	March 1, 1911
Miner, Mary E.....	Grafton.....	Sept. 3, 1910	Feb. 10, 1911
Mitchell, Alice.....	".....	March 30, 1908	
Moineau, Eugenie.....	Hillsborough.....	Dec. 1, 1909	
Mongean, Marceline.....	".....	Jan. 1, 1905	
Moore, Hannah S.....	".....	Sept. 25, 1911	
Moore, Ona S.....	Cheshire.....	Dec. 7, 1911	Feb. 19, 1912
Moorehouse, Herbert E.....	Grafton.....	Jan. 20, 1911	May 18, 1911
Moorehouse, Herbert E.....	Hillsborough.....	May 1, 1912	
Morain, Francis.....	".....	Oct. 23, 1907	
Moran, Josephine.....	".....	Jan. 15, 1907	
Moreau, Frank.....	".....	Sept. 16, 1911	
Moriarty, Charles P.....	Strafford.....	July 31, 1911	
Moriarty, Mary.....	Hillsborough.....	April 1, 1907	Sept. 24, 1911
Morin, Henry.....	".....	Feb. 28, 1911	
Morin, Adulie.....	Coos.....	Aug. 7, 1912	
Morley, Marian.....	Merrimack.....	June 30, 1906	
Morrill, Victoria W.....	Strafford.....	April 22, 1912	June 14, 1912
Morris, Joseph.....	Grafton.....	Sept. 25, 1911	Dec. 30, 1911
Morrissey, Mary E.....	Rockingham.....	Aug. 16, 1911	
Morrison, Charles.....	".....	April 1, 1907	
Morse, Eliza J.....	Hillsborough.....	April 21, 1906	
Morse, Nellie J.....	Cheshire.....	Nov. 11, 1908	
Moulton, Charles G.....	Hillsborough.....	Sept. 12, 1908	
Mourley, Bridget.....	".....	July 30, 1908	
Mousley, John.....	Grafton.....	April 13, 1911	Feb. 28, 1912
Mullen, Joseph H.....	Coos.....	Jan. 21, 1907	
Mulligan, James E.....	Hillsborough.....	June 28, 1910	
Murphy, Daniel.....	".....	May 24, 1911	May 8, 1912
Myers, A.....	".....	May 16, 1912	June 25, 1912
Nelson, William.....	Cheshire.....	Sept. 1, 1910	



TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Nelson, Helen Maud.....	Strafford.....	Dec. 1, 1911	
Newcomb, Lizzie A.....	Grafton.....	Oct. 24, 1908	
Nichol, Joseph.....	Hillsborough.....	July 8, 1907	
Nichols, Mary L.....	Merrimack.....	Sept. 1, 1908	Nov. 19, 1910
Norsiffe, Cheriffe.....	Strafford.....	Sept. 2, 1911	
Noyes, Frank.....	".....	Sept. 1, 1910	
Noyes, Irving.....	Coos.....	Sept. 19, 1904	
Nutting, Caroline D. S.*.....	Merrimack.....	July 1, 1912	April 30, 1912
Nutting, John.....	Coos.....	July 11, 1911	Dec. 12, 1911
Nutting, Porter.....	Grafton.....	May 31, 1911	June 15, 1911
Nydau, George.....	Rockingham.....	June 19, 1911	
O'Brien, Lizzie.....	Cheshire.....	Sept. 6, 1910	
O'Brien, Margaret Ann.....	Belknap.....	April 1, 1907	
O'Connell, Michael.....	Hillsborough.....	Oct. 23, 1907	
O'Connor, Charles.....	".....	Oct. 23, 1907	May 22, 1912
O'Connor, Joseph.....	Rockingham.....	Nov. 8, 1907	July 9, 1911
Odette, Samuel.....	Coos.....	May 26, 1908	
O'Donald, Mary.....	Merrimack.....	Jan. 23, 1912	
O'Leary, James.....	Hillsborough.....	April 15, 1909	Sept. 18, 1910
O'Leary, Joshua F.....	".....	Sept. 8, 1910	Sept. 18, 1910
Oleson, Elias.....	Coos.....	Sept. 29, 1908	
O'Neil, John.....	Rockingham.....	Jan. 1, 1906	
Ordway, Ella.....	Merrimack.....	March 14, 1903	
Orelle, Octave.....	Hillsborough.....	April 15, 1908	
Osgood, George G.....	Merrimack.....	Nov. 11, 1910	
O'Toole, John.....	Hillsborough.....	Jan. 1, 1905	
Owens, Catherine.....	Rockingham.....	April 3, 1905	
Owens, George F.....	".....	April 1, 1907	
Palmer, James A.....	Strafford.....	Jan. 1, 1905	
Papageorge, George.....	Hillsborough.....	Jan. 27, 1911	March 6, 1911
Paquette, Celina.....	".....	Oct. 3, 1911	Aug. 26, 1912
Paradis, Emily.....	".....	July 5, 1910	
Paradis, Zelia.....	".....	March 6, 1912	
Parkhurst, Granville.....	Merrimack.....	June 10, 1912	June 26, 1912
Parkinson, Eliza.....	".....	Jan. 11, 1911	Oct. 4, 1911
Parr, Margaret.....	Hillsborough.....	Jan. 1, 1905	
Parshley, Frank L.....	Belknap.....	Jan. 14, 1905	
Peaslee, George D.....	Hillsborough.....	May 13, 1910	Nov. 18, 1910
Perkins, Allie.....	Merrimack.....	April 1, 1907	
Perrigo, Joseph E.....	Hillsborough.....	June 22, 1912	Aug. 6, 1912
Perrusse, Henry.....	Strafford.....	Aug. 16, 1910	Sept. 15, 1910
Phelps, Amanda.....	Merrimack.....	March 4, 1912	Aug. 20, 1912
Phillips, Mary E.*.....	".....	Feb. 7, 1906	
Philip, Raphael.....	Hillsborough.....	March 11, 1911	June 1, 1911
Pickard, Susan.....	Merrimack.....	Sept. 10, 1907	
Pierson, Fred W.....	Cheshire.....	May 26, 1908	
Pike, Rachel S.....	Sullivan.....	Dec. 28, 1907	
Pinard, Solomon.....	Merrimack.....	Nov. 1, 1910	April 8, 1912
Pincence, Urie.....	".....	July 18, 1908	
Pineo, Isaac B.....	Strafford.....	June 13, 1911	July 18, 1911
Pinkham, Grace G.....	".....	July 1, 1907	
Pinkham, Lily Abbie.....	Belknap.....	Nov. 18, 1908	
Poliquin, Mary.....	Hillsborough.....	Jan. 1, 1905	
Pollard, Alvina A.....	Grafton.....	Aug. 4, 1910	Jan. 20, 1911
Porter, Eva J.....	Coos.....	Jan. 1, 1905	
Potter, Sarah H.....	Merrimack.....	Dec. 26, 1898	
Poulin, Joseph.....	Hillsborough.....	Jan. 24, 1906	
Pound, John.....	Strafford.....	Sept. 6, 1911	Oct. 15, 1911
Povu, John.....	Coos.....	April 29, 1912	Aug. 28, 1912
Powell, James.....	Grafton.....	June 1, 1910	
Powers, Lura.....	".....	April 1, 1907	

\* Partial support.

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Powhatten, Lester.....	Rockingham.....	Aug. 30, 1910	Dec. 16, 1910
Pratt, Josephine.....	Hillsborough.....	April 1, 1907	
Pratte, Jack.....	Rockingham.....	March 6, 1912	May 10, 1912
Pridham, Jennie M.....	".....	Nov. 11, 1907	
Probert, Allen.....	Hillsborough.....	April 2, 1912	May 11, 1912
Proctor, Robert.....	Strafford.....	Aug. 25, 1910	Dec. 12, 1910
Proulx, Mary.....	".....	April 1, 1910	
Punch, Mary.....	Hillsborough.....	Feb. 28, 1911	Jan. 10, 1912
Putnam, Emma.....	Merrimack.....	Jan. 11, 1911	
Putney, John.....	Rockingham.....	Aug. 8, 1912	
Quimby, Fred L.....	Grafton.....	Jan. 1, 1905	
Quimby, Nellie.....	Merrimack.....	July 25, 1911	
Quindley, Mary.....	".....	Jan. 11, 1911	
Quirolo, James D.....	Strafford.....	Jan. 3, 1911	
Ralph, Patrick.....	Merrimack.....	April 1, 1907	
Ramsay, Lydia A.....	Belknap.....	Aug. 12, 1911	April 9, 1912
Randall, Willis.....	Rockingham.....	Nov. 8, 1907	
Rath, John.....	Merrimack.....	Jan. 28, 1909	June 5, 1911
Raza, Alfred.....	Hillsborough.....	April 1, 1907	
Read, John W.....	Sullivan.....	June 10, 1911	Oct. 18, 1911
Ready, Margaret.....	Hillsborough.....	Jan. 1, 1905	
Reagan, Cornelius.....	Rockingham.....	Dec. 1, 1908	
Redigan, Peter.....	Hillsborough.....	Oct. 23, 1907	
Reeves, Jennie.....	Coos.....	Jan. 1, 1908	
Reilly, Nellie.....	Strafford.....	June 30, 1911	
Reynolds, Arthur A.....	Belknap.....	May 2, 1911	
Remillard, Adolph.....	Coos.....	Jan. 26, 1912	
Rhines, Edith M.....	Strafford.....	May 16, 1910	Sept. 25, 1910
Rhines, Edith M.....	".....	Aug. 25, 1911	May 4, 1912
Rhoades, Ella.....	Coos.....	Jan. 1, 1905	
Rice, Charles F.....	Rockingham.....	March 31, 1908	Oct. 3, 1910
Rice, Charles F.....	".....	May 8, 1912	
Rice, Flora J.....	Cheshire.....	June 27, 1911	Dec. 9, 1911
Rice, Harry.....	Rockingham.....	June 29, 1909	
Richard, Cora.....	Hillsborough.....	Dec. 31, 1911	
Richards, Fred.....	".....	April 22, 1910	March 4, 1912
Richardson, Mabel.....	".....	March 23, 1912	
Richardson, Roxanna.....	Grafton.....	Feb. 6, 1908	
Rickard, Belle.....	Sullivan.....	April 1, 1907	
Ricker, Charles H.....	Strafford.....	Sept. 2, 1907	
Ridel, Ida.....	Hillsborough.....	March 3, 1911	April 21, 1911
Ridel, Ida.....	".....	Dec. 13, 1911	Aug. 22, 1912
Riley, Edward.....	".....	Oct. 23, 1907	
Riley, James.....	Strafford.....	Feb. 18, 1910	
Rines, Warren H.....	Carroll.....	Aug. 17, 1907	
Ring, Frank C.....	Merrimack.....	April 16, 1909	Dec. 21, 1911
Rivers, Edward.....	Sullivan.....	May 14, 1911	Sept. 23, 1911
Roberts, Emily M.....	Grafton.....	July 14, 1911	April 25, 1912
Roberts, William R.....	Rockingham.....	July 1, 1911	
Robinson, Florence.....	Hillsborough.....	Jan. 1, 1905	
Robinson, George H.....	Merrimack.....	April 1, 1907	
Robinson, Gertrude.....	Strafford.....	April 1, 1907	July 9, 1912
Roers, Edward J.....	Belknap.....	Jan. 10, 1912	
Rogers, Gertrude.....	".....	Oct. 1, 1904	
Rollins, Ella M.....	Merrimack.....	Oct. 9, 1910	Jan. 6, 1911
Roper, James H.....	Hillsborough.....	Jan. 1, 1905	
Roscher, William.....	".....	Dec. 30, 1911	June 29, 1912
Rowe, Harry.....	Strafford.....	Jan. 1, 1905	
Rowen, Bridget.....	".....	Jan. 5, 1907	
Roy, Frank.....	Hillsborough.....	Nov. 30, 1911	Dec. 13, 1911
Royer, Joseph D.....	Strafford.....	Sept. 22, 1910	Feb. 9, 1911
Rundlett, Sarah E.....	Hillsborough.....	Jan. 1, 1905	March 27, 1912
Rusha, Nellie M.....	Coos.....	July 6, 1911	Oct. 14, 1911

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Russell, Sarah E.	Strafford.	Jan. 1, 1905	
Ryalls, Kenneth W.	Hillsborough.	April 1, 1911	
Ryan, Thomas J.	Merrimack.	Jan. 11, 1911	Nov. 25, 1911
St. Amour, Juliet.	Rockingham.	May 27, 1909	
St. Louis, Amanda.	Hillsborough.	July 19, 1911	
St. Parks.	Merrimack.	Feb. 11, 1911	Aug. 7, 1912
Sanborn, Maria.	Rockingham.	Nov. 8, 1911	Dec. 13, 1911
Sanborn, Melvin E.	Sullivan.	Jan. 22, 1912	
Sanders, Caroline B.	Rockingham.	March 19, 1912	
Sargent, Charles H.	Merrimack.	Jan. 20, 1911	Feb. 9, 1911
Sargent, Charles H.	"	Oct. 24, 1911	Nov. 4, 1911
Sargent, Frank W.	"	Jan. 26, 1910	April 22, 1911
Sawyer, David.	Cheshire.	Jan. 1, 1905	Sept. 1, 1911
Sawyer, Edith M.	Hillsborough.	June 1, 1911	
Schmidt, Mary E.	Rockingham.	June 18, 1911	Jan. 10, 1912
Schofield, Stewart.	Strafford.	Jan. 24, 1911	May 12, 1911
Schofield, Stewart.	"	Aug. 4, 1911	
Schrieber, Joseph.	Hillsborough.	Jan. 6, 1911	Feb. 2, 1912
Schrieber, Joseph.	"	Aug. 10, 1912	
Scott, Anna.	"	Jan. 1, 1910	
Scully, Margaret.	"	July 1, 1908	
Seavey, Mignonette.	Strafford.	June 27, 1904	Nov. 3, 1910
Severance, Mary A.	Belknap.	April 22, 1905	
Shaw, Melissa.	Merrimack.	April 1, 1907	
Shea, James.	Hillsborough.	April 27, 1911	
Shea, William.	"	April 27, 1911	
Sheehan, Patrick.	"	Oct. 7, 1911	Nov. 19, 1911
Shepard, George.	Merrimack.	Jan. 1, 1905	
Shields, Peter J.	Hillsborough.	Nov. 23, 1910	July 15, 1911
Shorett, Delia.	Coos.	April 1, 1907	
Simes, Alice W.	Strafford.	Sept. 1, 1909	Feb. 28, 1911
Simes, Alice.	"	April 28, 1911	
Skidmore, Henrietta.	Rockingham.	July 11, 1911	July 17, 1911
Skinner, Frank W.	Merrimack.	Aug. 8, 1912	
Sleeper, Frank.	Rockingham.	Nov. 8, 1907	
Small, Mary O.	Belknap.	April 21, 1905	
Smart, Daniel.	Carroll.	Jan. 1, 1908	
Smith, Bernice.	Merrimack.	March 1, 1909	
Smith, Bertha M.	Grafton.	Feb. 14, 1912	May 8, 1912
Smith, Edward H.	Belknap.	March 1, 1911	July 20, 1912
Smith, Elizabeth.	Grafton.	Feb. 6, 1908	
Smith, Ernest B.	Belknap.	March 21, 1908	
Smith, Etta.	Hillsborough.	Jan. 1, 1905	
Smith, Everett J.	"	March 13, 1909	Nov. 25, 1910
Smith, Frank.	Belknap.	June 22, 1908	Nov. 28, 1911
Smith, George R.	Cheshire.	Jan. 1, 1905	
Smith, Isabel.	Sullivan.	April 1, 1907	Sept. 22, 1910
Smith, Lottie J.	Grafton.	Jan. 1, 1905	May 26, 1912
Smith, Mand.	Merrimack.	Nov. 5, 1911	Dec. 14, 1911
Smith, Osman W.	Hillsborough.	July 1, 1907	
Smith, Vianna.	Coos.	April 9, 1909	May 1, 1912
Solon, William.	Merrimack.	Jan. 1, 1905	July 3, 1911
Soudon, Maria.	Hillsborough.	Oct. 25, 1909	Jan. 17, 1911
Spallone, Joseph.	Cheshire.	Sept. 1, 1911	
Spanas, William.	Strafford.	Oct. 12, 1919	Dec. 6, 1910
Spaulding, Eliza Jane.	Merrimack.	Feb. 12, 1908	
Spencer, Julia M.	Cheshire.	March 1, 1911	
Spenus, Angeleka.	Hillsborough.	Sept. 12, 1908	Jan. 29, 1911
Spinney, Mary C.	Rockingham.	Aug. 12, 1911	Sept. 23, 1911
Stackpole, Daniel E.	Hillsborough.	May 25, 1911	Oct. 31, 1911
Stannis, Deman.	"	March 2, 1909	
Stevens, Charles M.	"	Jan. 1, 1905	
Stevens, Eugene W.	Belknap.	Nov. 15, 1909	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Stevens, John B. ....	Rockingham..	Nov. 27, 1909	
Stewart, Frank E. ....	Merrimack....	May 9, 1911	May 11, 1911
Stewart, Henry. ....	Carroll. ....	Feb. 16, 1909	Dec. 4, 1911
Stiles, Ada H. ....	Belknap. ....	Jan. 4, 1909	
Still, Jesse. ....	Hillsborough..	July 20, 1911	
Stirling, Carl E. ....	Strafford. ....	April 21, 1911	Sept. 13, 1912
Stone, Fred W. ....	Hillsborough..	July 5, 1911	Aug. 23, 1911
Stone, Mary F. ....	"	Nov. 1, 1911	
Stone, William. ....	Rockingham..	March 3, 1905	
Storrs, Lois. ....	Grafton. ....	Feb. 6, 1908	
Strand, Martha. ....	Sullivan. ....	Dec. 1, 1911	
Sullivan, Edward. ....	Cheshire. ....	Jan. 1, 1905	
Sullivan, Ellen. ....	Hillsborough..	Feb. 14, 1908	
Sullivan, John P. ....	Merrimack....	April 1, 1907	
Sullivan, Maggie. ....	Hillsborough..	March 23, 1912	
Sullivan, Margaret. ....	"	Oct. 9, 1909	
Sullivan, Patrick. ....	"	April 1, 1907	Aug. 12, 1911
Sullivan, Patrick. ....	Grafton. ....	May 9, 1911	
Sullivan, Robert. ....	Strafford. ....	Jan. 1, 1905	
Suzor, Mina. ....	Grafton. ....	Jan. 1, 1905	
Swain, Mabel May. ....	Strafford. ....	Feb. 14, 1910	
Sweatt, George. ....	Merrimack....	June 7, 1907	
Symonds, George W. ....	"	Jan. 1, 1905	Aug. 22, 1912
Taggart, Charles. ....	Coos. ....	Nov. 7, 1911	May 5, 1912
Talbot, Charles D. ....	Hillsborough..	July 1, 1905	
Talty, James. ....	"	Jan. 1, 1905	April 21, 1912
Taplin, Frederick L. ....	"	Oct. 28, 1910	Nov. 19, 1911
Tattersoll, Hattie G. ....	Grafton. ....	Dec. 15, 1911	April 4, 1912
Tedford, Edward F. ....	"	Jan. 1, 1905	Aug. 1, 1911
Terrill, Urban. ....	Coos. ....	Sept. 13, 1911	Dec. 24, 1911
Terrio, Frank. ....	Grafton. ....	June 6, 1910	
Tewksbury, Elsie. ....	Sullivan. ....	Sept. 22, 1910	
Therien, Zeperin. ....	Hillsborough..	Oct. 23, 1907	
Theroux, Eddie. ....	"	April 30, 1909	
Therrien, Louis. ....	Strafford. ....	Aug. 31, 1906	
Thibodeau, Louis. ....	Grafton. ....	May 7, 1912	
Thompson, Ann. ....	Hillsborough..	Sept. 28, 1910	March 6, 1911
Thompson, Arthur. ....	"	April 1, 1907	
Thompson, Merle V. ....	"	Sept. 29, 1909	
Thomas, Arthur T. ....	Merrimack....	June 21, 1909	April 17, 1911
Tibbetts, Anne M. ....	Strafford. ....	Sept. 21, 1910	Dec. 5, 1910
Tierney, Bridget. ....	Merrimack....	April 1, 1907	
Tillison, Elvira M. ....	Hillsborough..	July 29, 1909	
Titus, Addie S. ....	Sullivan. ....	April 1, 1911	May 1, 1911
Tredick, Julia A. ....	Rockingham..	April 11, 1907	
Trefethen, Martin P. ....	"	Sept. 13, 1911	
Trumbell, Kate F. ....	Grafton. ....	Feb. 23, 1910	Dec. 14, 1910
Trumbull, Helen. ....	"	Feb. 6, 1908	
Tuck, Evelyn. ....	Hillsborough..	Feb. 14, 1908	June 7, 1911
Tucker, James H. ....	Cheshire. ....	April 10, 1903	
Tucker, William H. ....	Merrimack....	Oct. 11, 1911	Oct. 16, 1911
Turcotte, Edward E. ....	Strafford. ....	June 4, 1909	
Turcotte, Harry. ....	Merrimack....	Aug. 18, 1908	
Turner, Emma A. ....	Coos. ....	June 3, 1912	
Tuttle, Myra Etta. ....	Rockingham..	May 20, 1912	
Twombly, Ada M. ....	Strafford. ....	April 1, 1907	
Tylor, Marion. ....	"	Dec. 28, 1910	
Unknown. ....	Hillsborough..	March 10, 1909	
Upham, Abbie. ....	Grafton. ....	Oct. 2, 1909	Sept. 28, 1910
Vachon, Peter. ....	Strafford. ....	Feb. 4, 1911	March 3, 1911
Vaultman, Henry H. ....	Cheshire. ....	Dec. 20, 1910	

\* Partial support.

TABLE No. 7.—*Concluded.*

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Venne, Ellery .....	Cheshire.....	Oct. 14, 1904	
Vermulen, Martha .....	Hillsborough.....	Feb. 14, 1908	
Verture, George E. ....	Belknap.....	Aug. 26, 1912	
Wadleigh, Mary J. ....	Merrimack.....	Sept. 16, 1907	
Walker, Benjamin*.....	Carroll.....	May 25, 1910	
Walker, Delia.....	Hillsborough.....	Oct. 17, 1910	
Walker, Frank.....	Rockingham.....	Jan. 1, 1905	Sept. 19, 1911
Walker, Frank A.....	".....	April 8, 1907	
Walker, Jennie.....	Merrimack.....	Dec. 18, 1910	
Walker, Martha.....	".....	May 6, 1907	
Wallace, Burton.....	Strafford.....	June 15, 1909	Oct. 12, 1910
Wallace, Eliza J.....	Merrimack.....	July 1, 1907	
Wallace, Harriet L.....	Carroll.....	June 9, 1904	
Wallis Charles.....	Belknap.....	Aug. 10, 1910	
Walsh, Emma.....	Hillsborough.....	Jan. 24, 1910	July 14, 1911
Ward, Charles L.....	Strafford.....	Aug. 18, 1911	Oct. 21, 1911
Watkins, George W.....	Coos.....	Feb. 12, 1912	
Watson, Lydia.....	Strafford.....	Dec. 2, 1910	April 21, 1912
Webster, McKnabb.....	Grafton.....	Aug. 23, 1907	
Weeks, Joseph P.....	Coos.....	Nov. 30, 1909	
Wells, Eliza.....	Merrimack.....	Nov. 22, 1910	Sept. 16, 1911
Welch, John P.....	Hillsborough.....	Nov. 16, 1903	
Welch, Patrick.....	".....	Oct. 23, 1907	
Welch, William.....	Rockingham.....	Nov. 6, 1909	
Welsh, John.....	Hillsborough.....	June 30, 1909	
Wentworth, Alice.....	Carroll.....	March 13, 1907	
Wentworth, Annie.....	".....	June 1, 1909	
Wharen, Wilder.....	Grafton.....	Aug. 12, 1911	March 14, 1912
Whitcomb, Stella.....	".....	April 1, 1912	April 9, 1912
White, Cornelia A.....	Cheshire.....	Nov. 18, 1910	Dec. 15, 1910
White, George.....	Grafton.....	Aug. 14, 1907	Sept. 19, 1910
White, Hattie.....	".....	Feb. 6, 1908	
White, John.....	".....	April 1, 1907	
White, Julia.....	Rockingham.....	Aug. 1, 1911	
White, Mary.....	Hillsborough.....	Jan. 1, 1905	
Whitehouse, Maysie.....	Rockingham.....	Jan. 1, 1905	
Whitman, Mary.....	Merrimack.....	Nov. 22, 1910	Dec. 26, 1910
Whittemore, Timothy.....	Strafford.....	Dec. 20, 1909	Nov. 20, 1911
Willard, Winnifred*.....	Coos.....	Feb. 19, 1912	
Willett, Edward.....	Hillsborough.....	Oct. 23, 1907	
Willette, Paul.....	Coos.....	July 1, 1911	May 9, 1912
Willey, Charles W.....	Strafford.....	April 1, 1907	
Willey, William W.....	".....	Nov. 8, 1911	
Williams, Asa.....	Hillsborough.....	May 13, 1912	July 23, 1912
Willis, Frank E.....	Cheshire.....	April 8, 1911	
Wilson, Earle William.....	Hillsborough.....	Nov. 17, 1911	
Wilson, Harry.....	Rockingham.....	Jan. 1, 1905	
Wilson, Henry.....	Hillsborough.....	Oct. 23, 1907	
Wilson, John F.....	".....	Jan. 1, 1905	
Windham, Ellen J.....	Cheshire.....	June 4, 1907	
Winters, Hilma.....	".....	Nov. 23, 1910	Jan. 14, 1911
Wiseman, Harry.....	Hillsborough.....	July 2, 1912	
Witham, Thomas J.....	Rockingham.....	March 13, 1909	
Wollen, Poll.....	Hillsborough.....	Jan. 1, 1905	Jan. 28, 1911
Womack, Nellie.....	Merrimack.....	April 1, 1905	Jan. 6, 1911
Worcester, George M.....	Strafford.....	April 1, 1903	
Workman, Blanche A.....	Grafton.....	March 6, 1911	
Wright, Nora.....	Sullivan.....	Jan. 1, 1905	
Yarrington, Frank.....	".....	July 24, 1902	
York, Charles.....	Coos.....	July 21, 1911	
Young, Frank.....	Merrimack.....	July 30, 1901	

\* Partial support.



TABLE No. 8.—RECAPITULATION.

*The following shows the number of commitments, discharges, and deaths at the institutions named, during the year ending August 31, 1911, also the number of inmates remaining at these institutions at the latter date, as shown by the records of the board.*

ASYLUMS FOR THE INSANE.	Inmates Sept. 1, 1911.	Committed during the year ending Aug. 31, 1911.	Discharged.	Deaths.
New Hampshire State Hospital.....	938	301	139	133
Rockingham County Asylum.....	28	8	7	2
Strafford County Asylum.....	9	9	1	.....
Belknap County Asylum.....	4	1	.....	1
Carroll County Asylum.....	2	1	.....	1
Merrimack County Asylum.....	.....	.....	12	.....
Hillsborough County Asylum.....	37	15	14	4
Cheshire County Asylum.....	22	.....	1	2
Sullivan County Asylum.....	4	.....	.....	4
Grafton County Asylum.....	1	.....	.....	.....
Coos County Asylum.....	7	2	2	.....
Total for State.....	1,052	337	176	147

TABLE No. 9.—RECAPITULATION.

*The following shows the number of commitments, discharges, and deaths at the institutions named, during the year ending August 31, 1912, also the number of inmates remaining at these institutions at the latter date, as shown by the records of the board.*

ASYLUMS FOR THE INSANE.	Inmates Sept. 1, 1912.	Committed during the year ending Aug. 31, 1912.	Discharged.	Deaths.
New Hampshire State Hospital.....	957	327	169	139
Rockingham County Asylum.....	23	5	6	.....
Strafford County Asylum.....	9	9	1	1
Belknap County Asylum.....	4	1	.....	.....
Carroll County Asylum.....	3	.....	.....	.....
Merrimack County Asylum.....	.....	.....	.....	.....
Hillsborough County Asylum.....	34	11	25	1
Cheshire County Asylum.....	21	2	1	2
Sullivan County Asylum.....	5	3	.....	2
Grafton County Asylum.....	1	2	5	.....
Coos County Asylum.....	6	6	6	.....
Total for State.....	1,063	366	213	145

TABLE No. 10.

*Number of inmates at each asylum in the state at close of each fiscal year.*

NAMES OF ASYLUMS.	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912
New Hampshire State Hos- [total.]pital.	331	335	371	357	368	401	414	421	422	403	427	425	434	464	496	580	613	638	708	831	875	909	938	957
Rockingham County Asylum	51	49	48	50	46	55	59	59	67	69	70	74	70	61	51	56	51	48	41	32	30	26	28	23
Strafford County Asylum...	42	35	32	51	*	.....	.....	.....	.....	.....	3	3	3	7	.....	4	.....	.....	.....	3	0	0	9	9
Belknap County Asylum....	11	11	11	9	9	8	8	6	9	11	10	8	9	9	9	8	.....	.....	5	2	3	4	4	4
Carroll County Asylum....	24	21	26	14	14	14	14	14	11	13	13	12	11	10	10	7	4	4	3	3	2	2	2	3
Merrimaek County Asylum.	46	43	42	43	45	43	46	50	45	47	53	55	57	*	16	25	24	23	14	14	14	11	0	0
Hillsborough County Asylum	48	61	65	71	76	86	89	95	87	91	85	83	86	90	88	71	72	69	83	17	14	43	37	34
Cheshire County Asylum....	15	16	25	26	21	21	34	32	24	33	38	39	39	40	38	37	29	28	23	6	20	23	22	21
Sullivan County Asylum....	21	14	17	13	13	13	9	7	19	19	22	24	23	26	22	8	8	8	7	8	6	7	4	5
Grafton County Asylum....	31	27	30	23	22	21	21	22	22	23	21	21	20	13	14	14	16	15	9	1	1	1	1	1
Cobb's County Asylum.....	14	15	15	19	15	16	18	18	21	18	18	14	17	13	12	13	9	12	6	7	6	7	7	6
Total .....	631	657	671	670	629	681	712	725	730	733	761	760	768	736	750	826	856	875	899	954	1,001	1,033	1,052	1,063

\* All transferred to N. H. State Hospital on account of the destruction of the almshouse by fire.



## FINANCIAL STATEMENT.

EXPENSES OF THE BOARD FOR THE YEAR ENDING AUGUST  
31, 1911.

Clerical expenses .....	\$500.00
Printing Report:	
Paper stock .....	\$13.09
Printing .....	214.90
	<hr/>
	\$227.99
Unexpended balance .....	122.01
	<hr/>
	\$350.00
Incidentals:	
Telephone .....	\$25.01
Postage .....	25.00
Transportation .....	10.00
Miscellaneous supplies .....	5.00
	<hr/>
	\$65.01
Unexpended balance .....	134.99
	<hr/>
	\$200.00
Printing blanks .....	\$28.75
Unexpended balance .....	71.25
	<hr/>
	\$100.00
Total appropriation for the year.....	\$1,150.00
Total expenses for the year.....	821.75
	<hr/>
Total unexpended balance.....	\$328.25

EXPENSES OF THE BOARD FOR THE YEAR ENDING AUGUST  
31, 1912.

Clerical expenses .....	\$354.15
Unexpended balance .....	145.85
	<hr/>
	\$500.00
Incidentals:	
Transportation .....	\$10.00
Filing case .....	69.75
	<hr/>
	\$122.27
Unexpended balance .....	77.73
	<hr/>
	\$200.00
Printing blanks .....	\$17.96
Unexpended balance .....	82.04
	<hr/>
	\$100.00
Total appropriation for the year.....	\$800.00
Total expenses for the year.....	493.33
	<hr/>
Unexpended balance .....	\$306.66













NEW HAMPSHIRE AGRICULTURE

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REPORT

OF THE

BOARD OF AGRICULTURE

FROM

SEPTEMBER 1, 1910, to SEPTEMBER 1, 1912

---

BY NAHUM J. BACHELDER, SECRETARY.

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PRINTED BY THE JOHN B. CLARKE CO., MANCHESTER.  
BOUND BY THOMAS W. CRAGG, CONCORD.

# BOARD OF AGRICULTURE.

---

ORGANIZED AUGUST 23, 1870.

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MEMBERS 1911, 1912.

HIS EXCELLENCY ROBERT P. BASS.

JOSEPH D. ROBERTS, Chairman	. . .	Rollinsford.
GEORGE H. WADLEIGH, Vice-Chairman	. . .	Tilton.
ALDEN F. SANBORN	. . . . .	Fremont.
THADDEUS W. BARKER	. . . . .	Nelson.
EDWARD E. BISHOP	. . . . .	Bethlehem.
CHARLES T. ROSSITER	. . . . .	Claremont.
HERBERT O. HADLEY	. . . . .	Peterborough.
F. HALE FLANDERS	. . . . .	Andover.
MILES W. GRAY	. . . . .	Columbia.
SIMEON O. HUCKINS	. . . . .	Ossipee.

NAHUM J. BACHELDER, Secretary.



# GENERAL REPORT.

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## STATE OF NEW HAMPSHIRE.

### BOARD OF AGRICULTURE,

CONCORD, September 1, 1912.

*To His Excellency the Governor and the Honorable Council:*

The report of the State Board of Agriculture from September 1, 1910, to September 1, 1912, is herewith submitted:

The recent enactment of several laws bearing upon agriculture, to be executed by the State Board of Agriculture, has rendered the work of the Board executive as well as educational, and the more important of these functions as prescribed by the general laws and by statutes recently enacted, and the action taken thereunder, will be briefly stated, while the action in detail will be given on succeeding pages of this volume.

### PUBLIC MEETINGS AND INSTITUTES.

The previous policy of the Board in holding public meetings and institutes has been continued. Public winter meetings were held at Woodsville, in connection with the annual meeting and exhibition of the Granite State Dairy-men's Association, January 12 and 13, 1911, and at Conway, February 27 and 28, 1912. The annual field meetings were held at Hampton Beach July 26, 1911, and July 31, 1912. The attendance at these meetings was increased over that of previous years and the exercises were of a

more interesting and instructive character. The principal addresses and an abstract of the discussions appear in this report.

The previous policy of the Board to hold two institutes in each county of the state in which no public meeting was held has been continued, there having been thirty institutes held during the period which this report covers. These have been held upon invitation of subordinate granges and rural societies which have coöperated in securing an attendance and in the exercises. In nearly all instances afternoon and evening sessions have been held, with an attendance at the afternoon sessions averaging about one hundred and at the evening sessions about one hundred and fifty. The Board has been aided in this work by several of the instructors from the New Hampshire College and by specialists from outside the state. An abstract of the addresses will be found in this volume. The dates and location of public meetings and institutes has been as follows:

#### PUBLIC MEETINGS.

1911.

January 12 and 13.—Woodsville.  
July 26.—Hampton Beach.

1912.

February 27 and 28.—Conway.  
July 31.—Hampton Beach.

#### INSTITUTES.

1910.

November 29.—Gilford.  
November 30.—Sanbornton.  
December 1.—Dover.  
December 2.—Strafford Corner.  
December 8.—Greenville.  
December 9.—Hancock.



December 13.—Chesham.  
December 14.—Alstead.  
December 15.—East Washington.  
December 16.—Springfield.  
December 27.—Ossipee.  
December 28.—Wolfeboro.

## 1911.

December 7.—Wilmot Flat.  
December 8.—Salisbury.  
December 12.—East Tilton.  
December 13.—Meredith.  
December 14.—Weare.  
December 15.—Hancock.  
December 26.—East Jaffrey.  
December 27.—East Rindge.  
December 28.—Goshen.  
December 29.—Claremont.

## 1912.

January 2.—Campton.  
January 3.—Littleton.  
January 4.—Orford.  
January 5.—Lee.  
January 11.—Stewartstown.  
January 12.—Lancaster.  
March 7.—Londonderry.  
March 8.—Lyme.

## FEEDING STUFFS INSPECTION.

New Hampshire was one of the first states to provide by statute for the supervision of the sale of commercial feeding stuffs, such provision being made by the legislature of 1901. The law required manufacturers of feeding stuffs sold in the state to procure a license of the secretary of the State Board of Agriculture, paying a license fee which

covered all brands manufactured and offered for sale in the state. The legislature of 1911 amended the law by providing for the payment of a license fee upon each brand offered for sale. The Secretary of the State Board of Agriculture is authorized to collect samples of feeding stuffs in the open market, submit them to the New Hampshire College Experiment Station for analysis and publish the results obtained. The receipts from the license fees are used to defray the cost of this inspection, analysis and publication of results. The inspection under the early law was very unsatisfactory, owing to the great difference in the number of brands offered for sale by the various companies licensed and the inadequacy of the amount received from license fees to carry on the inspection and analytical work. This, however, is remedied by the present law which, with a few minor changes that will be suggested in the general report, gives very satisfactory results. The companies licensed and the brands inspected in 1911 and 1912, with the guaranty of the manufacturers and the composition of the goods as found by the analysis, were published in bulletins of the New Hampshire Experiment Station and will be found in the general report of the Board as provided by law. Fifty-six brands were sampled and analyzed in 1911 and 267 in 1912. The receipts from license fees were sufficient to meet the expense of drawing and analyzing, and publishing the results.

#### FERTILIZER INSPECTION.

The statutes require all manufacturers of commercial fertilizers whose goods are offered for sale in New Hampshire to obtain a license of the secretary of the State Board of Agriculture for each brand of goods offered for sale. The secretary is authorized to collect samples of commercial fertilizers offered for sale in the open market and submit them to the New Hampshire College Experiment Station for analysis and to publish the results obtained. The license fee received is used to pay the cost of the inspection, analysis and publication of the results. As in

the feeding stuffs inspection, agents have been sent into all sections of the state to draw samples of goods offered for sale, and special trips made to obtain samples of brands not obtained in the general canvass of the state. The samples have been analyzed and the results published in bulletins of the New Hampshire Experiment Station, and in the general report of the Board as provided by law. Such suggestions as are made in regard to the law and its operation will be found in the report in connection with the information gained from the inspection. One hundred and thirteen brands were sampled and analyzed in 1911 and 180 in 1912. The receipts from license fees were sufficient to meet the expense of drawing and analyzing, and publishing the results.

#### NURSERY INSPECTION.

The legislature of 1903 enacted a law requiring all plants and shrubs, before being admitted to the state, to bear the certificate of the Nursery Inspector of the state from which they were brought, stating that the goods came from a nursery that was free from plant diseases, and also authorized the New Hampshire State Board of Agriculture to appoint a nursery inspector for this state. The duties of said inspector included among other acts the inspection of all nurseries in the state from which plants or shrubs were sold and to issue a certificate to the owners of such nurseries if conditions warranted. He was also authorized under the direction of the State Board of Agriculture to enforce the provisions of the law in regard to the admission of plants and shrubs to the state from nurseries outside. The provisions of the law have been complied with and the report of the Nursery Inspector will be found in the general report.

During the present year the United States Department of Agriculture, through the Federal Horticultural Board, has notified the Nursery Inspector of the state through the secretary of the State Board of Agriculture of the destination of all foreign importations of plants and shrubs into

New Hampshire complying with the Federal regulations, with the expectation that the goods would be identified and reported to the Federal Horticultural Board. While our statute does not provide for this, these requests have been complied with, as the shipments thus far have not been very many. Should this practice be continued with a greatly increased number of shipments some provision should be made for it by a New Hampshire law, and an appropriation to meet the expense of complying with it.

#### SEED INSPECTION.

The legislature of 1909 enacted a law requiring every lot of agricultural seeds sold or offered for sale in the state in packages of one pound or more to be plainly marked, giving a guaranty of its percentage of purity from foreign seeds and other matter, and its percentage of vitality. When quantities of one pound or more are sold in bulk the package from which taken must be marked as required by the law and a written or printed statement of the guaranty furnished each purchaser if he requests it. The secretary of the State Board of Agriculture was authorized to prescribe rules governing tests to be made to determine the purity and germination percentages. This provision of the law has been complied with by the secretary, published and given wide distribution both in the bulletins of the New Hampshire College Experiment Station, where the tests were made, and in the report of the State Board of Agriculture. The results of the seed tests made have also been published in the same way, and other means taken for inducing the growers of crops to make available the protection contemplated by this law.

#### RURAL DEVELOPMENT.

The efforts in calling attention to the advantages and attractions of the rural sections of the state for farming purposes and permanent summer residences have been continued. The selectmen of the towns have been requested

to coöperate in furnishing the Board with information by giving the name and address of all persons in their respective towns who had farms for sale adapted either to farming purposes or to the requirements for a summer home. Lists were received from a large number of towns in response to this request to selectmen and a blank forwarded each person whose name was reported, calling for a description of the farm if he desired it listed. From the information thus received lists of farms for sale were made and published in 1911 and 1912 in connection with other matter intended to call attention to the advantages of the state. A representative of the Board called upon over fifty farmers, representing all sections of the state and nearly every phase of agricultural activity, obtaining information in regard to the opportunities for successful and profitable farming in the state based upon their individual experiences. This furnished material for a large part of the farm publication issued in 1912, and with other matter contained has been the means of emphasizing the advantages of New Hampshire for farming purposes. We have no specific data from which to compile a report of the actual results from efforts made, for the advertising has been mainly of a general nature, and the publications, numbering over 10,000 copies have been distributed widely. We have information showing that more than 5,000 summer homes have been established in the state and more than \$10,000,000 invested in the improvement of abandoned farms and the erection of summer homes since the movement was begun. Over 30,000 persons annually spend a portion or all of the summer months in these homes, contributing immensely to the activity and prosperity of the state. From the best information we have been able to obtain, at least 3,000 farms that, if not abandoned were neglected, have been purchased for farming purposes and are utilized as such by their purchasers, who represent all classes of people, from real farmers, cultivating their farms for the profit derived, to men of wealth and literary attainments. An extensive correspondence has been given atten-

tion and much information furnished in response to individual inquiries not contained in the publications.

#### CONTAGIOUS DISEASES OF ANIMALS.

While the control of contagious diseases among animals is vested in the State Board of Cattle Commissioners the secretary of the State Board of Agriculture has been the executive officer. The diseases that have required the most attention have been tuberculosis among cattle and glanders among horses. All cases of either reported from any creditable source have been given attention. All cattle found tuberculous from a physical examination by a qualified veterinarian have been destroyed, the owner receiving one half the health value under the law. So long as condemnation is based upon physical examination this basis of payment seems ample. Should it be deemed wise to destroy animals which fail to pass the tuberculin test the reimbursement should be materially increased, which would require the present appropriation increased several fold. As a matter of protection, cattle that have not passed the tuberculin test are excluded from the state. All horses found infected with glanders are immediately destroyed, the owner receiving payment on the basis of diseased value. Boards of health have been active in reporting suspected cases of glanders, which have been given prompt attention. The detailed report of the Cattle Commission, under the authority of which action has been taken, will be found in connection with the general report of the Board.

#### GENERAL DUTIES.

Other activities of the Board have included furnishing information of a general agricultural nature to a large number of inquirers in various sections of the country, responding to the requests of the United States Department of Agriculture for statements in regard to New Hampshire conditions, and replying to letters of inquiry from farmers and others in the state.

NAHUM J. BACHELDER,

*Secretary.*



ABSTRACT OF ADDRESSES AT  
INSTITUTES.





# ABSTRACT OF ADDRESSES AT INSTITUTES.

## CORN GROWING.

BY PROF. F. W. TAYLOR OF DURHAM.

Corn is the largest and most valuable single crop produced on our American farms. If a man had started in to save one dollar per minute from the birth of Christ until the present time he would not yet have saved enough money to buy last year's corn crop in the United States. The production of corn in New Hampshire has gradually decreased during the past five decades. Fifty years ago the farmers of the state produced fifty per cent more corn than they do now. Statistics show that the average yield per acre of corn in our state is larger than that of the states in the great corn belt of the middle West. These two facts are sufficient for the statement that we ought to grow more corn.

In selecting a variety choose one that is known to mature and yield well in your particular section, rather than send to city seedsmen or to other states. For field corn use the long-eared flint varieties, to be sure of a crop, although in favorable seasons some of the dent varieties, such as Minnesota 13 and Pride of the North, will mature and yield greater than the flints. The station now has some corn-breeding work in progress to secure a cross which will have the early maturing qualities of the flint and the productiveness of the dent varieties.

Select your ears of seed corn while they are yet on the stalk. Go through the field before the corn is cut and mark the best ears with a piece of colored string. Do not choose

ears from stalks which have had unusual conditions of growth, but from those which have produced the best ears under normal conditions. Store the seed in a cool, dry place; freezing will not injure the corn if it is perfectly dry.

Before planting make a germination test by taking a half-dozen kernels from each ear, numbering the ears so that they may be thrown out if the vitality is low. This precaution may mean the difference between a good and a poor stand. Do not discard the tip and butt kernels on the assumption that they will produce inferior stalks. Experiments have shown that they are equally as productive as the kernels from the middle part of the ear. A more uniform stand, however, can be secured when planting is done with a machine if the tips and butts are left out, because the kernels are then of a uniform size.

Sod ground for corn should be plowed late in the fall, especially if there is witch grass in it. Barnyard manure is the best fertilizer for corn, and is preferably applied in the fall and plowed under. Put on about two hundred pounds per acre of a complete fertilizer in the row with the corn at planting in order to give it a quick start. Begin cultivating with a spike-tooth harrow before the corn is up, and continue with this until it is several inches high. This is the cheapest method, and many weeds are thus killed early, which would later make trouble. All cultivation for corn should be shallow, in order not to disturb the feeding roots which come near the surface.

Cut the corn into shocks containing at least sixty-four hills or its equivalent. Set the shocks up well and tie tightly near the top. Carefully conducted tests have shown that an acre of corn can be produced under average New Hampshire conditions at a cost of \$22.20, allowing for rent of land, fertilizers, fitting the ground, cultivating, cutting and husking. The value of this crop, assuming that fifty bushels are produced, at 60 cents per bushel, is \$30. The feeding value of the fodder is about one third that of mixed hay, and would be worth about \$6.60, making a total

value of \$36.60. Deducting the cost of production leaves a net profit of \$14.40. Can we not raise our own corn cheaper than we can buy it?

## COMPOSITION OF FEEDS.

BY PROF. B. E. CURRY OF DURHAM.

During the past few years a very rapid advance has been made in the manufacture of feeding stuffs, through the formation of by-products. All feedstuffs obtained in this way are of the good, bad and indifferent sort, and represent all grades between the best and the poorest. Some of the high-grade by-products now found on the market may be mentioned as follows: Distillers' grains, brewers' grains, gluten feeds, cottonseed meals and linseed meals. Then we have also on the market at the present time the straight grain feeds. These include ground oats, corn, barley and some of the other cereals, and may be purchased either mixed or unmixed as one might wish. These feeds can generally be depended upon and can be purchased to good advantage. The value of these feeds is known and has been demonstrated, both practically and experimentally. One should be able to compound almost any desired feed from such a diet.

We find in addition to the above feeds certain high-grade compounded feeds. These feeds are composed of a mixture of high-grade products, in many cases such as have been mentioned. These feeds may be purchased in the market today, and give very excellent results to the practical feeder. Some feeders prefer to buy their feeds ready mixed.

Because of the rapid progress of the manufacture of the cereals into some form available for human consumption, a great many by-products of questionable value have been formed and put upon the market. We find such things as corn hulls, corn bran, corn-cob meal, cottonseed meal, oat

hulls, screenings, cleaned screenings, oat chaff, buckwheat hulls, weed seeds, rice hulls, etc. These by-products may come from still other sources. Because they are formed some disposition must be made of them. Formerly some of these were burned, because they were not supposed to have value. As such, it is obvious that they cannot be sold as feed. However, they can be mixed with other feeds that have a higher value and sold. At the present time, we can find on the market almost numberless dairy feeds, stock feeds, cow feeds, horse feeds, poultry feeds, etc. The name of the brand in most cases tells nothing concerning the ingredients of which the feeds are compounded. In nearly every case the chemical analysis of these feeds meets the guaranty. These feeds are becoming more common every day. Their value is not known and has not been demonstrated in a practical or experimental way.

At the present time the New Hampshire law regulating the sale of feedstuffs has not kept progress with the advance in the manufacture of feeds. The states of Indiana, New York and some others have enacted laws which require a guaranty not only of the protein fat and crude fibre, but also they require a guaranty stating the ingredients from which the feeds have been compounded. New Hampshire at the present time needs a similar law. Under such a law the consumer of the feedstuffs would be enabled to know the contents of a bag of feed at the time of purchase. The consumers of feedstuffs should take the matter up at the next session of the legislature, and secure the passage of a law which would enable them to buy their feed to better advantage.

An examination of some of the feedstuffs which are sold in the state of New Hampshire shows some of the following undesirable ingredients. Not all of these products occur in any one feed, but some one or more may be found in each different brand. In a general examination we have found screenings, corn cobs, oat hulls, weed seeds, buckwheat hulls, very poor grains and some evidences of rice

hulls and buckwheat hulls. Feeds containing these things are sold in New Hampshire. Someone buys them.

It must not be understood that all feeds which are sold in the state of New Hampshire contain these by-products which do not have any recognized value. On the other hand, some feeds which are sold do contain these things. Some means should be obtained whereby the consumer would be enabled to tell of what the feeds are composed. With this information printed as the guaranty, it would be a matter of choice if the consumer buys them.

### EXTENSION WORK.

BY PROF. J. C. KENDALL OF DURHAM.

At the last session of the New Hampshire legislature the sum of \$5,000 was appropriated for conducting agricultural extension work in the state, and \$1,500 for publishing information and other helpful publications. These appropriations are to extend over two years, one half of the above amounts being available each year.

Giving recognition and support to extension work places New Hampshire in the rank of those progressive states that are endeavoring, through the medium of their state institutions, to carry to their citizens who are not in a position to receive such information from school and college class rooms a better knowledge of their vocation. Extension work is carrying the assistance of the college and station to the farm and to the home. Whenever possible practical demonstrations are given of approved methods and practice in the different neighborhoods, on familiar soils, under conditions that are known and where the results may be observed, and since they are applicable to the locality, be put into practice.

Extension work should mean a great deal to the future industrial prosperity of the state. It should be of much value in helping to develop and at the same time protect and preserve the natural resources of our commonwealth.



There are so many promising fields for development along extension lines that it is difficult to decide which ones to take up first. Existing conditions have, however, practically settled the question. Funds required for the different lines of endeavor and the available time of the college and station staff from their other duties have restricted the work to the present time, but we expect soon to inaugurate and carry out a comprehensive plan along various lines.

## PRUNING AND SPRAYING APPLE TREES.

BY E. CYRUS MILLER OF HAYDENVILLE, MASS.

Of all the operations that are involved in fruit growing none is more interesting and fascinating than the art of pruning. It is the study and practice of this essential in apple culture that makes one most thoroughly familiar with the science of tree growth. It shows one the tremendous potency and value of the clear air and sunshine, not only in giving the beautiful coloring to the fruit, but likewise ripening the fruits acids contained in the fruit. It is the sunshine of the late summer that makes the apple grow rich and mellow, and foolish indeed is the farmer fruit grower who does not strive to produce an environment that will allow the glorious sunshine of those days to do its work in the most perfect manner. To my mind, it is the one process in fruit growing whereby man comes in the closest touch with the Infinite. It is, as it were, as if the hand of man joined with that of the Creator in producing that most perfect union of the useful and the beautiful which the earth knows, the apple.

Pruning the apple tree should be begun at an early date. The primary tendency of an apple tree in its natural condition is to reproduce itself as largely as possible. Here is where the hand of man produces conditions that make for quality rather than quantity, and this should be the one



## ABSTRACT OF ADDRESSES AT INSTITUTES.

motto ever before the fruit grower who is desirous of finding both pleasure and profit in apple growing: to make quality the aim rather than quantity. In our New England climate the head of the apple tree may be kept pretty thoroughly open if we remove all crossing and interlocking branches, cut out all bearing wood on interior of tree, so that all fruit may receive the benefit from the glorious sunshine, as I have before mentioned. Keep the head of the tree moderately close to the ground, so that the processes of thinning and spraying and picking may be at a later date facilitated. No two men would ever trim a tree exactly alike, so no definite rules can be laid down. The general rules which I have mentioned can be given, but the most successful tree pruner must have ideals, like the sculptor or painter, and work constantly towards those ideals. Spraying is purely and simply a business proposition. Despite many statements to the contrary, it is today an absolutely necessary adjunct to successful apple culture. As is well known, the value of an apple crop depends upon the proportion of the best grades of fruit. Unfortunately in New England that proportion is too small for the greatest profit. In normal conditions it is doubtful if the per cent of No. 1 fruit would go over thirty per cent, while it is a many-times-demonstrated fact that this proportion can be quickly and easily raised to eighty or ninety per cent.

## EARLY LAMB RAISING.

BY PROF. T. R. ARKELL OF DURHAM.

No special phase of the sheep industry should receive more attention in New Hampshire than hothouse or early lamb production. The propinquity to the Boston and New York markets should make it one of the foremost farming industries in the state. In its pursuit the farmer gains the maximum profit for the minimum expense involved. Besides, since they are raised in the winter and never outside,

there is no danger from the dog menace, virtually none from disease, and the farmer's work at this period of the year is usually slack.

The lambs, in order to obtain an early sale, should be dropped in December or January. Ten to fourteen weeks is usually taken to complete sufficient growth for market. They should weigh at that time, alive, about sixty to sixty-five pounds, and, since they dress about fifty per cent, will make a carcass varying from twenty-eight to thirty-two pounds. They are sold by the carcass until June, and prices ranging from four to as high as seventeen dollars can be obtained. The highest market prices are reached usually about the middle of February, and after the end of March sales are never so brisk and prices always greatly decrease. An average price during February and March should range between eight and twelve dollars easily.

Early lambs should be raised from dams giving an abundance of milk. They should be fed consistently with their appetite on grain, good clover hay and roots. A good grain ration consists of two of oats, two of bran, and one of corn by weight, and until they are four or five weeks old care should be taken to keep them in a warm enough pen so that they will not become chilled.

One great difficulty in raising early lambs lies in the natural proclivity of the ordinary sheep to breed only during the cold weather of the fall. Two breeds, the Tunis and Dorset, will, however, breed fairly assuredly almost any time of the year, and these therefore are especially adapted to hothouse lamb production. By flushing, the breeding season of other breeds can be advanced. Flushing consists of feeding the ewes heavily upon rape or some other highly succulent feed a fortnight before the ram is placed with them. They are also kept on the rape throughout the entire breeding season. This produces a laxative condition which is conducive to early breeding.

## PROFIT FROM ORCHARDS.

BY DR. G. M. TWITCHELL, AUBURN, ME.

The evidence of neglect of fruit trees seen in every direction tells of failure to appreciate the value of the apple crop, while it speaks loudly of certainty of neglect in the newer planted orchards. If there's a fraction of life in these old trees, strengthen them for future profit. Clear out the dead wood, cut the suckers about the trunk, and the water shoots which fill the body of the tree, and let the sunlight in. There's a mine of wealth in these old trees if we will but give them a chance. Don't worry about spraying. Take time for that. It's a good rule to do a little at a time and that often. Plan to be two years at least in opening the top and getting the surplus live branches cut out. Commence now the outside work of clearing out the waste material. In early May remove all dead wood, everything under the trees, and burn. In March, scrape those trees with an old hoe, being careful not to injure the live wood, then take one third cask of lime and slake slowly and thoroughly, add one bushel of ashes and one can of caustic potash. This will make a full barrel of mash. To kill the dead white, add a little Portland cement, and with a scrubbing brush scrub those trees and the branches as far as you can reach. You will destroy millions of eggs, bark lice, etc., and your trees will do the better for the exercise. By May 15 sow about every tree in sod, but not within five feet of the trunk, ten pounds of Fisher formula fertilizer, scattering it out to the line of the farthest branches. This fertilizer, composed of 700 pounds nitrate of soda, 300 pounds sulph. ammonia, 460 pounds sulph. potash, 440 pounds acid phosphate, 100 pounds kainit, is designed to put new life into the tree, and start wood and leaf growth. It may well be termed lopsided fertilizer, but for what it is designed to do it is the best and most economical I know of. Don't use this more than two years. When wood growth,

new and fresh, starts and leaves grow dark, large and green, it is time to substitute a better balanced formula. In my experience nothing has satisfied me like 400 pounds nitrate of soda, 300 pounds of ground bone fine, 300 of meat tankage, 300 of sulphate potash and 700 of basic slag meal. This last is peculiarly adapted to fruit development. Use 12 to 15 pounds about each tree, in the same manner as the other and at the same time of year, but follow the sowing with the rake and work it in. If the land is plowed between the trees, then the harrow will do the work. If these trees are in sod, mulch liberally in June and let it remain, removing the following spring to give another application of the same fertilizer, and then replace the mulch, renewing the same as it decays. Remember that your fertilizer wants to be graded according to the necessities of your trees. If you want wood growth and leaf development, use an excess of nitrogen; if size and quality in the fruit, phosphoric acid, and if color, potash. At the same time there must be a mingling of the three for the best results to be possible with either of these ingredients. If trees are high, cut back the main trunk limbs, taking two years to cover the tree, and then build a fresh top out of the new shoots which will appear.

In setting out a new orchard look well to the site. You want natural air and water drainage. Trees will not thrive with cold feet. Don't get wild over new varieties. Buy of some reliable nurseryman. Always insist upon whole root budded stock, budded from tested trees of proven worth as persistent bearers and high quality of fruit. Confine to those standard varieties known to excel in your locality. Experiment only with a very few specimens of new varieties. Plow deeply and cultivate thoroughly for the young orchard. Set in line from every angle, whether thirty-three or forty feet apart. Into every cavity work two quarts of fine ground bone. Protect the trees from mice and rabbits by strips of galvanized wire netting, eight by eighteen inches. Let these run over half an inch below the surface

of the earth about the tree, and the mice will not trouble you. Don't allow any weeds or grass to grow about those trees. Prune the roots one third before setting, cutting with a sharp knife all bruised or broken roots, and prune the top two thirds. Then leave further trimming or shaping for three or four years, until the tree has had a chance to show what it is trying to do. Keep up the cultivation for five years, then sow down and mulch these young trees.

As you get fruit, pack only the best as best, and get a reputation for a superior product. There's a mine of wealth on every hillside, and a well-managed orchard will help you find it.

### STARTING AN APPLE ORCHARD.

BY E. CYRUS MILLER OF HAYDENVILLE, MASS.

The principal objective point in starting an apple orchard is to start right. In no phase of agriculture is this essential so prominent as in the establishing of an orchard which, at a later day, should be both a source of pleasure and profit to its owner. A mistake made in the dairy industry or in the production of an annual crop can be speedily remedied, because the time involved is relatively short. Not so with the establishing and developing of an apple orchard. The time at the shortest is long, and in these strenuous days, when everyone seems looking for quick returns, the time involved between the planting and harvest seems immoderately long. Knowledge is more essential than money in starting an apple orchard, for all the money of a Rockefeller can do no more than to procure and furnish an environment in which the transplanted tree may become established and make a healthy and vigorous growth.

The apple adapts itself to such a variety of soils that that point need not confuse one in New England. Undoubtedly the best soil for the apple is the rich gravelly loam found upon so many of our hillsides, and frequently upon our hilltops, the same usually having a clay subsoil.



The poorest are the sandy and clay soils, and should never be chosen for the site of an apple orchard, the former lacking in fertility and the latter being usually too wet. An apple orchard can to the very best advantage be established in connection with some other phase of agriculture or horticulture..

Dairying is excellent because such animals furnish an abundant supply of nitrogenous fertilizers, which are particularly useful in early tree growth. Any hoed crops are useful in keeping the land in cultivation for the first few years of an orchard's life; likewise small fruits like the currant or gooseberry, raspberry, etc.

The land should be thoroughly prepared by plowing and harrowing the fall before planting in the spring. Spring planting is undoubtedly best in our climate. Numberless varieties may be grown, but few varieties should be planted, and those of the best.

For early and semi-early, the Williams, Astrachan, Wealthy, Duchess of Oldenburg grow well and are always marketable, and for winter varieties the Baldwin, always at hand, Northern Spy, Greening, Russet and Mackintosh. These varieties are for large or small quantities, for when grown properly they are always in demand and marketable at a good price. Get your trees of a good nursery firm, not from any and every tree agent that may happen along. Large losses have been made by purchasing trees which have later proved to have been of different name and variety than what had been purchased. Get good, straight, healthy, vigorous two-year-old trees, headed moderately low. Plant early-bearing varieties twenty to twenty-five feet apart and standards forty feet each way. If the land is to be given entirely to apples, the early trees may be planted between the later bearing varieties. Provide a good-sized hole for the roots of young trees when planting, place as naturally in the ground as possible. For the proper spirit, as well as the letter, read William Cullen Bryant's beautiful poem on "The Planting of the Apple Tree."

More information on that point is contained in that poem than in many horticultural works. At planting, prune back the head of the tree very severely, leave but from three to five branches and as little of the upright part as is possible.

If land on which an apple orchard is planted is seeded to grass, much clover should be used, and a quick rotation from grass to hoed crops should be made. Fertilizers in the form of stable manure, nitrate of soda, ground bone or wood ashes should be used about trees every year, in addition to what may be used upon the land.

Tree should be headed back every year as long as they can be reached, to promote as low-headed trees as possible. An apple orchard started and cared for in this manner should bear profitable crops in from six to ten years.

## SHEEP RAISING IN NEW HAMPSHIRE.

BY PROF. T. R. ARKELL OF DURHAM.

Sheep raising is a profitable farming pursuit in New Hampshire. Sheep can be maintained on the average farm cheaply, and in many sections where larger animals do not thrive successfully they will grow well and return a profit. There are many advantages that should appeal to the farmer. Sheep can be used as farm scavengers, as they will eat and apparently enjoy almost every class of weed, even the prickly Canada thistle. By the constant rearing of sheep on a farm, soil fertility is enhanced, inasmuch as their manure is rich, and, besides, is evenly distributed over the entire field. An experiment at New Hampshire college has proven that sheep kept upon worn-out pastures will, after a few years, visibly increase the herbage, and to such an extent that a fairly heavy hay yield can be obtained. Another favorable feature comprehends the smallness of the initial investment.

Sheep do not require expensive or elaborate buildings; in fact, where the lambs are dropped in the warm weather of



springtime a covered shed where the sheep can be protected from the snow and winds is all that is needed. Besides, the farmer can commence in a small way with only a few sheep, and by saving his ewe lambs for breeding will in comparatively a few years have a large flock. This is by far the best method for the beginner to pursue, for as his flock increases in size, so will his experience, and his mistakes will not prove so costly.

The New England farmer has a still greater advantage over the western farmer, as the great markets of the United States lie directly at his door. Consequently he is able to place the ultimate product directly in the hands of the consumer, thus obtaining for himself a profit that otherwise would go to the middleman.

Care should be taken in the summer to provide some supplementary feed for the sheep when the pastures become short and bare in the fall. Rape, vetches or peas and oats mixed serve an excellent purpose in this regard. Some slight danger, however, may exist in pasturing these crops when very damp, or by turning the sheep upon them when hungry. Under these conditions bloating and scouring may sometimes occur. In the winter ration some succulent feed should be provided, such as rutabagas, mangels, sugar beets or silage. If the sheep in winter, especially if not getting ample exercise, are placed entirely upon dry feed, constipation and other more serious ills may be the result. Turnips can be fed with impunity in quantities not exceeding five pounds, but care should always be taken in feeding silage, for, if sour, or mouldy, digestive troubles may occur. It should never be fed in amounts exceeding three pounds per sheep per day. Good clover hay or, if possible, alfalfa, should be given. Timothy or herdsgrass, especially if cut when too ripe, is unsuited to sheep, owing to its fibrous nature. Sheep cannot make economical use of it, and in consequence will not make rapid gains. In fact, experiments have proven that sheep fed upon coarse timothy will frequently decrease in weight, which is a feature that every shepherd wishes to avoid.

In the selection of breeding stock every sheep breeder should aim to obtain uniformity of type in his flock. He should hold constantly in view some ideal as to mutton and wool characteristics, and endeavor to maintain this ideal in his flock. He should purchase the best grade sheep from a mutton standpoint that he possibly can, and breed these to a pure-bred ram, preferably of the Down type. Once he has selected a type he should persevere with it, for should he use one year an Oxford Down ram and the next year a Cotswold, he would by thus mixing contrasted types have destroyed all the good effects the Oxford had produced.

In fine, every sheep raiser should endeavor to produce the very best mutton lambs in his neighborhood. Then he will have a ready sale for his lambs, and will be in a position to quote the price, for buyers will be eager to obtain his lambs.

## POTATOES A CASH CROP.

BY DR. G. M. TWITCHELL OF AUBURN, ME.

The value of an industry can only be determined by a series of years. Measured by this standard, and the potato crop is or may be made a paying cash crop to any farmer able to plant three to five acres and lay his furrows thirty or more rods. The selection of the land is important, that needed machinery may be used and cultivation made of least expense by length of rows. As good results are obtained on heavy clay as on the lighter soils, so that potatoes can be grown on almost any kind of soil. To succeed, plowing must be thorough and deep. No man can grow a peck of potatoes in a two-quart hill. Putting the seed four inches under ground, there should be at least three inches more of thoroughly pulverized soil under the seed. A bumper crop is impossible except through complete and thorough preparation of the seed bed to the bottom of the furrow.

Seed runs out by neglect. It will improve by selection. It is best to plow in August for next year's potato crop. Harrow at different periods. Then in the spring cross plow, killing all witch-grass and putting at the bottom a well-worked seed bed. Plant seed of uniform type, one or two eyes to the hill, not more than fourteen inches apart, and in rows thirty-four to thirty-six inches apart. If you use whole seed never select from the bin, but in the field, from the strongest, most vigorous hills, those giving the maximum number of large and minimum number of small potatoes. Otherwise there will be loss. Commence this year a system of grading up by selecting your seed at digging, from those hills stoutest, strongest, healthiest, and which keep green the longest, and also which give the largest number of merchantable potatoes. Use only chemicals or mixed fertilizers for potatoes, the quantity to be determined by the condition of the soil. Use at least 1,600 pounds of high-grade, 4, 6, 10, and sow broadcast just before the last harrowing 900. Use 400 in the planter and 300 broadcast just as the tops break ground, following immediately with the cultivator, with wings set, to cover the tops.

As a business proposition one can hardly grow potatoes by hand labor at a profit. It is in multiplying the acreage and reducing cost per bushel that the dollars are to be obtained. Rows must be regular, that spraying may be complete. Use a power sprayer to insure a fine mistlike spray, with no sign of drops of water. Commence spraying the first of July, or just after the potato slugs hatch, when the size is about that of the head of a pin. Thorough work then will insure success. Killing the first brood simplifies all later work. If you wait until the slugs are grown and have commenced to eat, the expense will be greatly increased and the chances for a full crop materially reduced. The preservation of the leaves is absolutely necessary for the development of tubers. Keep up the spraying to kill the later broods; also, to protect from blight, fol-

lowing the instructions given by the bulletins in the preparing of spray solutions. Don't be afraid of cultivating too much, but do be afraid of cultivating too deep. After the vines are eight inches high lift the cultivator so as not to disturb the roots and harrow it so as not to disturb the hill.

Spraying thoroughly will prolong the life of the stalks and leaves and increase crop yield. It's the man after all who determines results in all cropping. If he is faithful, does the best he can, never "guesses that will answer," protects his vines and feeds to the finish, there is no question about returns, provided hand labor has been reduced to the minimum and machinery fitted for the work introduced wherever possible. Don't worry about overproduction, but rather for fear you will not do your whole duty by the crop. The day is coming when graded potatoes will command a higher price than mixed lots, and to grow the largest possible per cent of medium-sized tubers is the problem facing the thinking grower. It will come in part, at least, by narrowing the rows and putting in the seed, one eye to a piece, every nine inches in the row. There's a wide field for intelligent experimentation on every farm, and ample room for every farmer to open fresh avenues of income by seeking closer partnership with the soil.

## NEW HAMPSHIRE AND THE SUMMER INDUSTRY.

BY SECRETARY N. J. BACHELDER.

No business in New Hampshire is susceptible of such indefinite expansion as the summer boarding and summer home business, by reason of the natural adaptability of the state to it. Fine scenery, sparkling water and invigorating atmosphere are as legitimate cash assets in the inventory of the state as are fertile soil and mineral deposits in the inventory of other states, all of which need attention before

finding a market. In our case the purchasers come to us instead of our sending the goods to market. Only four states east of the Missouri river, Maine, New Hampshire, Vermont and New York, have the natural advantages which may be classed as the raw material for the prosecution of this business, and when based upon area New Hampshire leads every state east of the Rocky Mountains in this valuable asset. Her possible customers for this product are counted by millions, for more than twenty million people, or one fourth the population of the country, are so near that they can eat breakfast in their own homes and eat a late supper on the same evening at the base of Mount Washington. The rich deposits of coal and iron in the mines and the fertile soil of the great prairie states remained for ages in seclusion, and the elements which constitute New Hampshire's most valuable assets were unknown two generations ago. Upon the extent to which these peculiar advantages of the state are made known will depend the demand among the twenty million people for New Hampshire's best product. Already more than fifty million dollars have been invested in the state, nearly all of which came from outside the state, in summer homes and summer hotels. Ten million dollars are annually left here by summer tourists reaching every town in the state. When we appreciate the fact that towns can be named where the valuation has doubled in ten years by reason of the summer business, one town having within its borders ten summer homes costing one hundred thousand dollars each; that instances can be named where the purchase of a small farm has been followed by the expenditure of a hundred thousand dollars in improving it; that building sites of one acre each upon hilltops have been sold for more than one hundred acres of the same farm would bring for any other purpose; that a thousand elegant boats now traverse the water of a single lake dependent upon the surrounding land for supplies, where a few years ago there were only a score, and that there are about three thousand



summer hotels and boarding houses that for three months in the year become the distributing center for millions of dollars brought into the state, we get a faint idea of the financial benefit to the state from this great business.

The three thousand summer hotels and boarding-houses and the five thousand summer homes open eight thousand markets in the state for the products of the farms for two or three months in the year at better prices than the Boston market. The opportunity in this direction is not fully appreciated by our farmers, and not enough preparation is made to supply it. The demand is not confined to field and garden crops, but includes other things for which good money is spent. For instance, a little girl received \$300 in a single season from the guests at hotels, for sweet peas that she grew in her mother's garden, and a little boy received \$400 in a single season for fir balsam gathered in his father's forest. These are instances that could be duplicated in many directions.

The financial benefits derived are not the only benefits. Among the vast army of summer people are eminent statesmen, famous educators, great financiers, noted authors, poets and sculptors and diplomats of a world-wide reputation. For two or three months in the year these people are traveling about our rural towns, conversing with the rural people and stimulating better thoughts and higher ideals of citizenship. Many country boys and girls, deprived of high school training, derive social and mental development by association with people of culture and refinement who annually spend their summers in New Hampshire country towns.

With proper effort the summer business in New Hampshire can be doubled in the next decade, and its resultant advantages increased in the same proportion, participated in by all our people.

1st. The state's paltry \$3,000 expended annually in advertising the natural advantages should be increased fivefold, and the publications of the state placed upon the

tables in the homes of wealthy people in all the great cities from which the state is fairly accessible. A publication issued by a state is given far greater consideration and becomes a more valuable advertising medium than would the same publication if issued by a transportation or hotel company.

2d. Large villages in the summer resort sections of the state should, through boards of trade and village improvement societies supplement the state's publications with those of a local nature.

3d. Continue the improvement of the roads until the splendid results already attained reach every section of the state.

4th. Continue and extend the protection of fish and game, which has already enhanced the state's attractions for summer tourists.

5th. Promote forest preservation by all practical means.

6th. Improve the educational facilities in rural towns, and thereby induce summer residents to become permanent residents as well.

7th. Exercise a liberal policy in the matter of assessment of property for taxation that is expended solely for the enjoyment found in its expenditure.

These matters and others that might be mentioned will promote the summer industry in New Hampshire, and contribute to the building up of a "Greater New Hampshire."

## MAINTAINING SOIL FERTILITY.

BY PROF L. A. CLINTON OF STORRS, CONN.

The problems which relate to soil fertility are among the most difficult of any that we have to solve. It has been said by a dairyman that "the darkest place in the world is the inside of the cow;" but if that is the darkest place, then the next in order is the inside of the soil. The measure of fertility is by common consent the producing



power of the soil. If a man is able to raise a good crop on a field, then to him that field is a fertile one; but if the crop is a failure, it is usually ascribed to infertility of soil. Now poor crops are so often due to other things than lack of soil fertility that what is often ascribed to poor soils may be due to any one of a dozen other causes. Some of the most common causes of poor crop production are poor seed, destruction by insects or blight, failure to get the crop planted under proper conditions, poor cultivation, lack of adapting the crop to the soil.

The farmer has considered of vital importance the matter of furnishing plant food by commercial fertilizers, but crops more often fail because of lack of moisture than because of lack of plant food. Then it would seem to me that one matter which should be given first place in discussions of this kind would be means by which the moisture of the soil might be controlled so that it should at all times be in the proper amount for the growth of plants. We find that nature, during the course of the years which she has been building soils, has taken special care to see that the soil is well supplied with organic matter, which we call humus. This humus is mixed with mineral matter in varying proportion, and upon the presence of this humus depends largely the power of that soil for holding moisture. We find that humus itself is able to hold about 180 per cent by weight of water. As a result of tillage this humus is gradually taken from the soil year after year; it grows less in amount, the soil becomes hard and compact, and lacking in its power to hold moisture. Then one of the first things which is needed on our New England farms is to get organic matter back into the soil to replace that which has been destroyed through tillage. Of course clover and some other legumes would be the ideal plants to use for this purpose, so that when it is plowed under it would not only supply humus but the nitrogen which had been gathered from the air. But clover often fails to grow, and then we must try something else, for the important thing is to get something.

For this purpose, on soils which have become somewhat run down, I find nothing better than rye or a mixture of rye and vetch, about one and one half bushels of rye with one half bushel of the winter vetch. This crop serves to cover the soil during the winter, and when plowed under the next spring adds humus to the soil. This matter of the winter covering is really of vast importance. As a crop of potatoes or corn is grown during the summer, plant food is made available through tillage, which is not entirely used up by the growth of this crop. When the corn is taken from the field and these fields are left without any cover crop, this soluble plant food is carried away in the drainage water and is lost to future crops. Many of our fields lose more fertility through surface erosion during the fall, winter and early spring than they use through the growing of crops upon them.

There is a principle which should be adopted with reference to the treatment of New England soils, and that principle is that just so far as possible every acre of land shall have some plant growing upon it during the winter. There are times, however, when it may be a good policy to violate this principle and plow the land in the fall. Fall plowing may be advisable under the following conditions: 1. On an old sod likely to be infested with cut worms wire worms and various other injurious insects, Fall plowing will help to fit this for the spring crop. 2. Heavy clay soils through plowing in the fall, leaving them exposed to the rains and frost, will do much toward pulverizing and improving their quality. 3. Where the farm labor must be done by one team when in the spring of the year three or four teams would be needed to do all the work in hand. In this case, plowing may be done in the fall to advantage, the slight loss which may take place through winter erosion being more than balanced by the good which is accomplished from the hastening of the spring work.

Underdrainage is a matter which should receive more attention in its relation to soil fertility than it has received.

Oftentimes crops dry up on a field where, if a thorough system of under-drainage had been installed, they would be able to resist the drouth. It may seem strange that the removal of water from a field will enable plants to better withstand dry weather, but when we consider that under-drains do not remove any water which can be used by plants, we may better understand the situation. It is vitally important that the soil in the early spring shall become warm and that all surplus water shall be quickly removed, so that the plant roots may strike deeply in the soil in their growth.

Not many years ago the soil chemist held complete sway, and the lack of fertility was explained entirely from a chemical standpoint. At the present time, the soil bacteriologist is having his day, and we have begun to believe that through the action of bacteria in the soil we have one of the most important factors in maintaining fertility. In order that the beneficial bacteria may thrive, certain conditions must be secured. These conditions are a neutral or slightly alkaline soil, a moist soil, neither too wet nor too dry, and warmth. If the soil is acid, then lime must be used to neutralize its acidity. Without doubt vast quantities of commercial fertilizers have been used which have failed to produce their effect, owing to an acid soil. There are various forms in which lime can be purchased, most important of which are the burned lime, ground limestone, air-slacked lime and basic slag. Of these the most active form is lime which has been burned. This must be water-slacked before it can be spread to advantage, but sometimes ground burned lime can be purchased, ready to be spread at once. Where this is used it should always be applied to plowed ground and should be thoroughly harrowed in at least two weeks before the seed is to be planted. Of this active lime one ton per acre is sufficient on most soils for use at one time, and another application should be given in the course of three or four years. If the other forms of lime are used, then at least two tons per acre will be re-

quired to produce equally beneficial results. Basic slag, besides furnishing from seventeen to nineteen per cent of phosphoric acid, will contain from six to eight hundred pounds of lime to the ton. This phosphoric acid, while not quite so quickly available as that in acid phosphate, is readily used by plants, and the lime may serve to improve the soil. I do not consider it so vitally important as to what type of lime we use as that we use some lime, and keep on using some lime, and at the same time do not forget to use commercial fertilizers and farm manure and to practice better tillage than ever before. All of these factors working together make towards the improvement of soils.

## APPLE CULTURE IN NEW HAMPSHIRE.

BY PROF. W. H. WOLFF OF DURHAM.

There is a great future before us in apple growing in New Hampshire. We have as good soils and as suitable a climate for apple culture as any district in the United States, and in a few years will complete with all districts for the very best of the fancy trade in this fruit. On our hills apples are extremely free from fungous blemish, develop high colors, and have keeping qualities such as are impossible in the same varieties grown further south.

If we are going into apple growing it is necessary to go into it in a large enough way to make it worth while, and a good business proposition, for there is an immense lot to learn in fruit growing, and the production of the best is going to call for a great deal of study and skill. One will need to put enough thought and enough work into the business to become a specialist, for it is only to such that the greatest profits will accrue. Again, the man with a dozen or twenty trees could not afford to own the necessary tools and implements for the most approved care of his orchard as could the owner of 300, 500 or more trees.

We as growers must learn to advertise our fruit as much as possible. It is a fact that there are more bananas con-

sumed in the United States than there are apples, and yet twenty-five years ago the banana was almost unknown. This immense increase in consumption is all due to keeping the fruit constantly before the public in the most attractive condition. In this we have an insight into what may be accomplished in increasing the consumption of apples when we have the goods to offer, and the organization for getting them into the hands of the consumer.

Many of our growers in New Hampshire and neighboring Massachusetts are already reaping rich rewards from scientific apple culture. This summer I visited one grower who had upwards of 5,000 trees, mostly Baldwin, McIntosh and Wealthy. They were all young trees, none over eight years old, but some of those McIntosh trees produced eight and ten boxes of fruit; many hundreds produced three to five boxes each, which sold at the railroad station to a New York fancy fruit dealer at from two dollars to three dollars per box. That paid finely, and still the owner expects as big or a bigger crop this coming season. That orchard is rightly valued as worth several hundred dollars the acre.

At another place I visited this past summer, located in southern New Hampshire, the owner has practised orchard renovation on all his old trees, and besides has leased several old orchards in his neighborhood, and is practising the same methods on them. He sprays, prunes, fertilizes and cultivates, and with his son they have made during the past six years quite a study of this orchard renovation problem and its possibilities. He assures me it pays well, and the fact that he is enthusiastic over it and is taking over more orchards is proof that it does.

If we are thinking of planting an apple orchard there are a great many things we need to consider. First of all, the soil. Apples will grow on many types of soil, but a really good apple soil is a deep well-drained clay loam. Borings to a depth of three or four feet should be made to determine the subsoil. Clayey or stony clay subsoils are



good; sandy subsoils are objectionable. The location of the orchard is very important. Some slope is desirable, although it should not be so steep as to induce surface washing. We need also to be able to drive a horse and wagon all over it, so as to give the necessary sprayings and to pick the fruit. The direction of slope is not so important, and we may say that all slopes are about equally good. I would plant one-year budded trees and no others, if I could get those well grown. I would like to have them three to four feet in height. It has often been said that such trees may be suitable for states further south, but they will not do well here in New England. This is not the case, and the best orchards that I have seen have been developed from such trees. The land, if possible, should have been given over to a crop such as corn or potatoes during the previous season, so that the soil may be fine and mellow when the trees are to be planted. Spring planting is to be recommended at all times in preference to fall planting, and we also like to get the trees set out just as early in the spring as possible, or a whole season's growth may be lost. The spacing of the trees is an important matter. In general, we may say that the permanent trees should never be set closer than thirty by thirty feet, and thirty by thirty-six feet is sometimes better. Fillers of quick growing and bearing varieties may be set between the permanent trees, but they will have to be removed when they begin to crowd, as otherwise great damage will be done. However, they may pay well in the mean time.

Pruning at planting time consists in cutting off all broken roots and heading back the whip tops to a height of about thirty to thirty-six inches. When the shoots begin to come out we remove all but three to five strong ones near the top of the whip, and those should be symmetrically arranged and nicely spaced out about the main stem. If the soil is good, and the fertilizing and cultivation are what they ought to have been, these three to five main framework branches will have made a growth of twenty-four to

thirty inches or more during the first summer. The following spring they are headed back to eighteen inches, and from the extremity of each is allowed to grow two or three shoots. These in turn the following spring are headed back. From now on it is largely a matter of judgment in thinning out when too thick, removing branches which tend to grow toward the center of the tree, heading down leaders, and of shortening inside shoots to aid in the development of fruit spurs. This last can sometimes be largely increased by skillful summer pruning, usually about the first week in August.

In renovation work the first thing to do is to look to the pruning of the old trees. If they are too high for convenient picking of the fruit, and for spraying, then some of the top must be taken out, cutting flush with and just above some side branch which grows in an upward direction. I like to have trees not over twenty to twenty-two feet in height. Of course all dead and diseased wood must come out. Where two branches cross one another, the weaker should come out. In general, the difference between the old ideas of pruning and the new is that instead of taking off all the lower branches and inducing our trees to grow tall, with high-formed heads, we now emphasize the importance of leaving these lower branches, keeping the height down to a point of convenience and economy, and, further, we aim to increase the lateral spread as much as possible.

After the top has been removed, and considerable pruning done to our old trees, the next spring a lot of sucker shoots will arise, sometimes on the long pole-like branches. Let all of these grow for the first year. The following spring take out nearly all of them except say two or three to each pole-like branch, having them distributed along the same at intervals of three or four feet. Head these suckers back to about eighteen inches, and thus force out side branches, head these back again next year, and by successive prunings grow veritable little trees on these old, for-



merly bare branches. Thus may we renew the bearing wood in our old trees.

All cuts must be made close down to the shoulder of the parent trunk or branch. It is impossible for a healing callus to grow over a stub. When stubs are left, in time they dry out, decay, fall out, and so cause hollow branches and trunks. Therefore never leave a stub in pruning. Even if the cut surface has to be much larger in consequence, it will not hurt. Paint over all cut surfaces over two inches in diameter. In filling cavities we must first remove all dead and decayed wood, then coat with a disinfectant, of which there is none better than gas tar, and then we may fill with sand and cement concrete, or better yet with pulp cement. It is worse than useless to fill the cavity unless it is first thoroughly cleaned and sterilized.

Clean culture for our orchards should be given where the lay and the condition of the land make it possible. It has been repeatedly proven to give the best growth and the best paying crops of any system of orchard management. Plow in spring four or five inches deep, and even if you do tear up some roots in the old orchard, pay no attention but keep on plowing. Disc and spring tooth harrow several times till about July 1, and then sow down to a cover crop of crimson clover. This is a great soil improver.

On many hillsides clean culture will not do, and then we may use partial clean culture, leaving strips of unplowed grass land between the rows across the face of the slope—and this is usually a lot better than no cultivation at all—or we may practice what is known as the sod mulch system with or without hoed-out circles about the trees. In this system the grass is mown two or three times each season and is not hauled off, but is allowed to lie where it falls to shade and protect the soil and so prevent loss of moisture. The mere fact of keeping the grass short also means moisture conservation, and the importance of this cannot be overestimated, since on the average our plants and trees suffer more from the lack of sufficient moisture

than they do for actual plant food. If this sod mulch system is used, especially while the trees are young, circles seven to eight feet in diameter should be kept cleanly hoed out about them. This will help in promoting a satisfactory growth.

Manure as a top dressing will usually prove very profitable, especially in connection with the sod mulch culture system. It should be spread over the whole soil surface area, if the trees are of bearing age. A light dressing each winter would be right. In cultivated orchards, if leguminous cover crops are being used, after the first few years it is possible that neither manure nor nitrogenous fertilizers would give profitable returns. Liberal applications of fertilizer up to 8,000 or 1,000 pounds per acre for the mature orchard usually pay well. A good general formula would be 600 pounds basic slag, 200 poundh nitrate soda and 200 pounds muriate of potash.

### A DAY IN FINN-LAND.

BY DR. G. M. TWITCHELL, AUBURN, ME.

There's a deep sense of personal obligation to Secretary Bachelder for the invitation to spend a charming day among the Finns in New Ipswich, and the memory of the impressions received will not soon be obliterated. If we could find among our native-born population such enthusiasm, such profound interest, such desire for facts and suggestions, our agricultural communities would soon be dominant in all progressive reforms and the industry the most popular in the state.

Poverty may be cause for regrets, but, rightly considered, is no bar to a happy, contented or successful life. The fact is, we measure by false standards. Growth, whether physical, mental or moral, can come only by meeting and overcoming obstacles, and ofttimes the more difficult the problem the more complete the mastery. Trained agriculturists today might not have selected the rocky, hilly

farms on the back roads in New Ipswich for a home, but their ancestors did, and found the land responsive, retentive and productive. Here were reared large families, which now inhabit busy towns and cities, and here these industrious, if poor, foreigners found, in these neglected or abandoned farms, an opportunity to stand erect upon their own property, something not possible in the homeland, because of different conditions prevailing there. Born and reared in this atmosphere of liberty and individual ownership of land, we can hardly conceive of what it means to these Finns to purchase and labor for years to own one of these hill farms in a somewhat out-of-the-way section. Coming to this country to work in the mills, they caught the breath of liberty, and determined to be men and own some portion of real estate. Best of all, they will do this, and, while the work done on these farms may not claim wide attention, the owners, by industry and frugality, are steadily paying for their acres and finding them increasing in value. Lacking the means with which to purchase, they told me of their struggles with crude machinery, but in their faces I read of mastery. What they wanted was to be helped to do more and better with what they had, and I fear my story would have called forth criticism had it been repeated in Temple or Peterborough, but I was there to help, and, first of all, I endeavored to find their viewpoint and then build from that level. One clear-eyed, intelligent man of thirty-five told me his story in broken English, oft-times repeated that I might understand, and when the final statement came there was a snap of the eyelids and a set of the jaw worth going miles to see, yet it was a simple story.

Nine years ago, a farm of seventy-five acres, with house and barn, was bought for \$500. The crops for 1911 were one half acre of potatoes for family use, one acre of corn ditto, one and one half barrels of beans the same, one acre of oats to feed in the stalk and the product of three cows. This man earned, by working out, less than \$100, yet he said: "I pay my taxes, I support my wife and three chil-

dren, I pay the interest and I pay \$50 on what I owe." First of all, to get out of debt seemed to be the burden of conversation. The apple problem proved of profound interest. All through those hills and by the roadsides young trees have sprung up, and while they said, "No money to buy," there was plenty of muscle ready to dig and transplant. The interpreter, the Rev. Charles E. Stenman, of Newport, by his promptness, aided greatly, though I found myself wondering if what I said could possibly sound as it did coming from him.

Many in the audience stood for three hours during the afternoon session, and again for an hour in the evening, so anxious were they to get every thought. When the transplanting of those native trees was urged and the orchard planned, they crowded around like children, enforcing their questions with busy hands and fingers. I fear, Mr. Secretary, you would not have considered it an orderly crowd, but I was there solely for results, and with such an interest every question had to be answered, the method of setting and grafting gone over many times and every detail made clear.

To the speaker it was a thoroughly enjoyable day, for every statement had to be backed by a reason or a demonstration. In the evening we discussed corn and potatoes, the preparation of the land, selection of the seed, deeper plowing, more thorough care, protection from weeds, frequent cultivation and liberal fertilizing being urged. When the subject of commercial fertilizers or chemicals was touched those present were at home, and fully appreciated the value of as well as necessity for using liberally. To use what was best seemed the only thought.

That little hall in the field on the hillside, unfinished inside, held for that day an audience of seventy or more, many of them being young people, every one attentive and alert. One fact impressed me as they came trooping across the fields, the men in warm clothing, the women with white handkerchiefs on their heads, tied under their chins, neat

and comfortable in their dress. It was the clean-cut, sweet-faced, motherly spirit so unmistakably showing in every face. True refinement was there, and that conscious dignity, never to be acquired, which stamps a mother the closest approach to the Infinite to be found on earth.

This much these new inhabitants evidently believe in, economy in expenditure, the payment of debts, the ownership of real estate, the rearing of large families.

One sweet-faced grandmother, the mother of nine, every one married and having a large family, found it difficult to check the expression of pity or word of sympathy for the writer, as, through the interpreter, she learned that there were no children in my family. Spreading her hands over my head, she, in very broken English, said, "Poor man, poor man, poor man!"

Following the institute came a religious service, conducted by the pastor and interpreter, for the religious sentiment was dominant all the day, and as I started on my long drive to the village, there came over the fields the sound of many voices united in a familiar hymn. Lacking means, progress must necessarily be slow, but somehow there are compensations here, and I could but feel that in this settlement one might find the inspiration for a larger movement which, wisely fostered, will restore the balance to rural New England, and out of fresh foreign blood grafted on our rugged soil there may come a generation fearing God and loving liberty, and the controlling influence of New England institutions and conceptions be maintained throughout the centuries.

Find where you will a people in love with the soil and filled with the desire to own a home and farm, and the state may well aid their incoming and foster their increase, for these two great essentials are at the foundation of all safe, sound, sane, progressive New England home life. The beginning may be small, the forward steps slow and halting, but the foundation may here be found, in these scattered settlements, for a life which, safeguarded by the state, will, I am certain, permanently enrich the state and restore the balance to rural communities.

WINTER MEETING 1911, AT WOODS-  
VILLE.





## WINTER MEETING 1911, AT WOODSVILLE.

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The joint annual winter meeting of the State Board of Agriculture and Granite State Dairymen's Association was held at Woodsville, January 12 and 13, 1911, together with the annual dairy exhibition of the latter organization. The program for the first day was arranged by the Board of Agriculture. The members of the board present were Chairman J. D. Roberts of Rollinsford, Vice-Chairman George H. Wadleigh of Tilton, A. F. Sanborn of Fremont, F. H. Flanders of Andover, S. O. Huckins of Ossipee, Miles W. Gray of Colebrook, T. W. Barker of Nelson and E. E. Bishop of Bethlehem, the latter being the county member who made the local arrangements for the meeting. The exercises opened with an invocation by the Rev. Frederick Cooper, followed with address of welcome by Frederick Cooper. The Woodsville orchestra furnished music.

### ANNUAL ADDRESS.

BY CHAIRMAN JOSEPH D. ROBERTS OF ROLLINSFORD.

Having occasion to look up a few figures in the Census Report of 1900, I was much surprised to see the comparison of the agricultural interests of the country with that of the manufacturing interest. The capital invested in manufacturing was \$9,874,664,087, that of agriculture \$20,514,000,000, or more than twice as much as manufacturers. If you eliminate cash on hand, raw materials and stock in process from that of the round sum of a little over \$9,000,000,000 it would leave manufacturing with a little over \$5,000,000,000; then the ratio would be four to one in favor of the farmer.

I am quite well aware that in the broadest sense of the word the state of New Hampshire is not an agricultural state as it was sixty years ago; but one thing is certain, there is a universal demand for farms all over New England, and prices are rapidly advancing. With a population of over 90,000,000 in the country, and thousands coming annually, the demand for foodstuffs is on the increase. Are we content with the present state of our farms in New Hampshire? Is farming carried on in an up-to-date and progressive manner? When the ingathering harvests are completed and we look over our stores, balance our books, are we satisfied? Does the surplus of our granaries and the increase of our flocks and herds suffice to pay our taxes and our prudent but necessary annual bills? Are the farmers in the rural towns above board, and, if so, by simply farming? In short, has the system followed for the last twenty-five years been to our credit? If not, how shall we conduct the future? In looking over the last Census Report,—and it is the last definite report we can get at,—New Hampshire reports 29,324 farms, and 28,795 farms have buildings upon them. Less than 500 are fully abandoned. An acreage of 3,600,000 acres, with 1,076,000 of improved land, or land under cultivation. The value of the improved land was \$36,000,000. Farm buildings were valued at \$34,000,000; machinery and implements \$5,000,000; live stock, \$10,554,000, or a total of \$85,872,000 invested in the farms of New Hampshire. We have 226,792 neat stock, 98,000 horses, sheep and lambs, 105,000 swine, 51,211 poultry, valued at \$467,104, and bees worth \$25,000. Of these Grafton county has the largest number of neat stock, horses, sheep, swine and value in poultry. We have of the 29,000 farms above 22,500 carrying on dairying, and the receipts from this source are a little over \$6,700,000; or divided by the number of cows, \$115,000, would give us about \$57.00 per head. Are the milk producers of New Hampshire satisfied with these figures? We have 67,438 sheep on our hills, producing 409,465

pounds of wool, or about six pounds to the head. Is it not time we lift the golden hoof out of the mire? Our biddies and ducks number 876,000 and produce 7,005,180 dozens of eggs, less than 100 eggs per capita. Is there any wonder my friend Bishop goes west in search of biddy plums? We have 25,694 acres of corn, producing 1,080,720 bushels, less than 40 bushels per acre. I am glad we have with us today Dr. Twitchell, who will take up this very important subject. We should not be satisfied until we double both the amount and acreage of our corn in New Hampshire. We have about 13,000 acres to oats, producing about 500,00 bushels, or 39 bushels per acre; barley, 1,600 acres and 47,000 bushels, less than 30 to the acre; of hay we have 566,000 acres, yielding 525,000 tons, less than one ton to the acre. Our potatoes yield about 105 bushels to the acre; we have about 20,000 acres planted, value of the same \$1,090,000. Value of all the farm products raised in New Hampshire in 1900 was \$21,929,988, which, divided by the number of farms, 29,324, gives us \$778 per farm.

I have brought this matter before you to see if the average farmer of the good old Granite state is satisfied with the outlook; not to discourage you, but to put you to your trump. Get out of the ruts and be more progressive, and as sure as the signs of the times are concerned, a better and a brighter outlook is ahead of us. I have found it next to impossible to get at many of the figures of the 1910 census, but what I have seen it looks as if we are about to reap a little from the hard labors we have performed, and we should look forward to the future with better courage, although the croakers lament that there are fewer farms in the state than ten years ago.

It is true there are fewer farms, but they are worth \$15,418,000 more than in 1900. Farm land has increased \$8,828,000, or 25 per cent more than ten years ago. Farm buildings have increased \$6,590,000 and implements over \$707,000. There has been an increase of over 40 per cent per acre and 37 per cent of the buildings. The average

value of farm lands in 1900 was \$19 per acre; today it is \$26. That farming is not on the decline may be proved by figures to the most contentious critic, by the few figures gathered by the census man. Thanks to a wise Creator, He has given us New England, with all the required attributes for the promotion of happiness, industry and civilization. We have the mountains, the hills, the valleys, the rivers, the cascades, the fertile intervalles, the frequent showers, the sunshine, the heat and cold, the ice and snow, the seedtime and the harvest; a country where all the natural faculties of man can be developed, and where more people are employed than in any part of the country in proportion to its population. Here we have the markets right at our door, with increased demand every year.

If the outlook of the past has been dark, how shall we conduct the future? Shall we continue in the old lines, or shall we demand a change of base? Cannot we look around us and find someone a little more progressive than we are, then copy if need be, but still better lead the march ourselves, ever remembering that it is not how much we do but how well we do, never forgetting the golden rule of farming, "What is worth doing at all is worth well doing." The farmer must think as well as work. One of the great troubles and one in which the Board of Agriculture and any other association formed for the benefit of farming regret is the prejudice of farmers against any scientific farming. Many seem to think if not learned by years of experience it is of but little account. For this reason it has been hard to arouse our farmers to the importance of taking part in agricultural meetings. This is a foolish prejudice between labor and learning, notwithstanding they are co-laborers.

We need an educated yeomanry. I do not for a moment mean to say our farmers are not educated men. In one sense they are best educated, because they combine mental and physical education. There is a wide distinction between lettered men and educated men. Everything a man

knows is education. A man may be able to read and not only write his own but several languages, and yet pass among the people as a blockhead, while one who cannot read or write his own language may be educated. We want our farmers thoroughly posted all along the lines of their daily work. We want agriculture reduced to science, whether it be in the raising of any farm crop, or in the breeding of our stock. There is no business on earth where science is brought so little into requisition. A theory may be false, yet facts never lie. Science is the tracing of facts until they are established in harmonious relation. There is no part of our farming operations but require a certain amount of chemical knowledge, and it should be our duty as far as possible to know something of chemistry.

There is one great fault to be found among many of our farmers; they want more land than they can possibly take care of in good shape. There are but few farms in New Hampshire but ought to be turned over and laid down as often as once in four years, and an ample supply of something applied to sweeten the soil up, to take care of the loss of that taken by the crops. There are many acres in New England today that are being starved to death. Either continue the depleting process till we are starved out, or change our base and restore to the soil the plant food essential to fertility. God never intended that all the land in New Hampshire should be cultivated, but that forests should grow and beautify these grand old hills. Then let these acres that are poor and exceedingly hard to cultivate grow up to forest growth. This will pay better than farming, and while you may not reap the benefit in your generation, there will be those who will rise up and call you blessed.

The all-devouring axe must cease its ravages, as the coming man suffers loss more than our avarice secures gain. We look upon the destruction of these noble old forests with painful regrets, but, like the redman, they seem doomed to pass away. Farmers of New Hampshire have



every reason to be encouraged. Let them feel the elevation of their calling. Let the student as he goes from school return to the old farm, rejuvenate it, apply his education to its practical improvement, cultivate less land, do what is done with more care and study. Make home pleasant by the exhibition of taste and neatness, and I will warrant success beyond that of any other calling. The farmer has no reason to be discouraged. His labors produce health, happiness, contentment. He is rising to his proper position. Perseverance, improvement, industry and economy constitute the true aegis of his success.

“Then let us all be up and doing,  
With a heart for any fate;  
Still achieving, still pursuing,  
Learn to labor and to wait.”

## SOME PROMISING LINES FOR DEVELOPMENT IN NEW HAMPSHIRE AGRICULTURE.

BY PROF. J. C. KENDALL OF DURHAM.

Agriculture stands out alone as the most unique and important wealth-producing factor among the great and varied industries of our land. The capital invested in agriculture is equal to over 25 per cent of all of the national wealth. The farm wealth is over 70 per cent of the wealth invested in all other productive enterprises, which shows the United States interests to be decidedly agricultural.

The value of the farms in New Hampshire is nearly equal to all the capital invested in manufacturing enterprises. While New Hampshire, compared with some of our large states, is small in area, and would not make more than one or two counties in some of our larger states, yet agriculturally she is a factor to be reckoned with. We hear from ocean to ocean that the Granite state possesses a barren, rocky, unproductive soil, and her hill farms have been the subject for many a newspaper and magazine jest.

Yet the last census returns credit this state with having the largest average corn yield per acre. One county, Coös, has produced as many potatoes per acre, with two exceptions, as any county in the United States. New Hampshire is credited with having, according to the last census, the largest yield of buckwheat per acre in the United States; in fact, in all crops which are adapted to our soils and climate New Hampshire can make a creditable showing as to average yield per acre.

New Hampshire possesses a never-failing crop that commands a ready market, in the beauty of her wooded hills, mountains, lakes, sparkling streams and natural beauty, which is not excelled in attractiveness by any scenery in this country, and hundreds of thousands of visitors are attracted to our state each year, and about ten and a half million dollars are invested in summer homes and improvements on abandoned farms for these visitors. Agriculture in New Hampshire must of necessity be conducted on comparatively small areas. While this is unfortunate in some ways it should tend to make all tillable areas more valuable. Our aim should be to use intensive methods, give the best of cultivation, and produce the largest yields the soils are capable of growing. Nearly all of our tillable land responds readily to good treatment, and could and should be made to produce in many cases more than as much again.

With the yields which our soils are capable of growing, and our nearness to the best markets in the country, our land should not and will not remain long at its present value; \$40 and \$50 land in many instances is made to pay a good rate of interest on an investment at several hundred dollars an acre. There are a number of advantages in tilling small acres. It permits a more thorough preparation of the soil; the very best seed may be selected and planted at the most favorable time; cultivation may be given frequently when it will be most effective, and harvesting may be accomplished when the crop is at its best,



with less danger of waste than would be the case where large areas are being handled.

Even though agriculture in New Hampshire must consist in working small areas, general farming must of necessity be quite commonly followed; not, however, to the exclusion of carrying on one main line of endeavor as a money crop. The aim should be on almost all of our farms to have one special line, it matters little whether it be apples, chickens, potatoes, hay, dairying or mushrooms that is depended upon for bringing in a revenue.

It is surprising how many of our farmers do as well as they apparently do on the amount of real farming they carry on. It is entirely out of the question for a farmer to expect to accumulate any great wealth when he only plants four or five acres of corn, an acre of potatoes, a small garden, picks a few apples, milks four or five cows, keeps a couple of pigs and about twenty hens. It is only through the lavish hand of Mother Earth and the wonderful thrift and perseverance of the New England farmers' wives that on such farm operations good-sized families are reared and educated.

The highest types of intensive and specialized agriculture exist and thrive in New Hampshire, not only near our large cities but in many parts of the state, to meet the ever-increasing demands of the summer tourist, and also for the most excellent markets of our largest centers of population, such as Boston, Nashua, Manchester and Concord. The possibilities along these lines have by no means been realized, and they promise to certain classes skilled in these exacting types of agriculture most remunerative returns from the capital that it is necessary to invest.

There are indeed few more popular, and not without good reasons for it, branches of New Hampshire agriculture than that of orcharding, particularly growing apples. It is a well-known fact that our granite soils are most admirably adapted for the growing of apples possessing excellent keeping qualities and unexcelled flavor. Seed-

lings may be seen growing wild by the roadside and in pastures throughout the state. Orchards, if well cared for, will continue to bear profitably for the better part of one's lifetime. Why should a young man ask for better insurance than that to be found in a good orchard. Fifteen to twenty acres of good apple orchard properly handled should insure a good living to any farmer. Many of our abandoned farms are well suited to orcharding, and can be purchased very reasonably. It behooves our farm boys to consider well, before they leave the farm for a clerkship in the city, some of these facts.

Here we have cheap lands adapted to producing as fine apples as grow, right near the best markets, yet those markets today are being supplied, to the discredit of the New Hampshire farmer, from states thousands of miles away, not any better, if as well, suited to the work, on soils that require irrigating and are often sold for \$600 and \$800 an acre. The freight alone amounts to from \$2.50 to \$3.75 a barrel. Yet the New Hampshire farmer will not compete for these markets by paying a little attention to his trees, by feeding them a little, pruning, spraying and marketing the fruit properly.

Potatoes are quite generally grown in this state, and prove to be quite a sure and profitable crop to raise. The northern part of the state, particularly Coös county, has the reputation of growing as large yields of as fine tubers as can be grown in any part of the United States, but to the average potato grower anything like a maximum yield per acre is unknown, the average for the state being about 124 bushels. This is a crop that will well bear investigation and study by the farmers. Better seed, deeper plowing, better cultivation, a more thorough control of insect and fungous enemies, together with more care in marketing, will do much towards raising this product of our soils to its proper rank among our leading crops.

Forestry ranks third in value among the crops from New Hampshire soils. The value of our forest products is

about a million and a half dollars, more than the value of all of the orchard products of the state, more than double the value of the potato crop, nearly four times the value of the corn crop, and more than the combined values of all of the cereal crops. It is difficult to place anything like an approximate estimate on the part that our forests have played in attracting the two hundred to three hundred thousand summer visitors annually to our state and for leaving here with our citizens some fifty to sixty million of dollars.

But it is safe to say that we owe a great debt to our forests in making this the finest summer resort in the world. It has been estimated that something like 67 per cent of the area of New Hampshire consists of uncleared and untilled land; over three million acres of land not now under cultivation. A large portion of this is well adapted to forestry growth, probably better than for any other crop. But we must give a little thought to the subject from a broad standpoint. We should not allow, for a few paltry dollars, our mountains to be stripped of their natural covering and made unsightly for years to come through the greed and narrow selfish interests of public parasites. The individual owner should be encouraged to plant more trees, and a proper system of rotation should be adopted, and where land is too rough to be cultivated it should be allowed to grow up in timber, and if the best kinds of timber do not seed naturally, seedlings should be set out. Land properly handled will come in time to be the most valuable acres on the farm. Where stumpage sold twenty years ago for \$2.50 to \$3.00 an acre, it is now selling in many instances for more than \$100. Some kinds of lumber have doubled in value within the last five years, but the forestry question is one of increasing interest to our citizens. Demands are becoming greater each year. The annual consumption is increasing at the rate of three per cent, and now amounts to 350 cubic feet per capita in America.

New Hampshire should more fully appreciate the valua-

ble assets which she possesses in her forests, and take more interest in preserving what she has, and take steps to insure more and better natural scenery and forest products for coming generations.

The dairy products in New Hampshire rank second in value, but it is doubtful if there is any line of farming that is better adapted to meeting our general needs than dairying. In nearly all systems of intensive cultivation, even on our highest priced land, dairying plays a very important part. Dairying is particularly well suited to New England agriculture. Much broken land unsuitable for tillage affords good cheap pastures. Much of our cultivated land is inclined to be light and lacking in humus, and more stable manure and less commercial fertilizer would do more towards permanently improving our land, and it would be decidedly to the advantage of the farmer's bank account. New Hampshire farmers last year paid out \$510,000 for fertilizers; this is an increase of 39 per cent in the last ten years. The demand for all classes of dairy products is such that the highest market prices prevail, with only short hauls necessary.

With the exception of a single crop, alfalfa, we can grow as good crops for dairy stock and secure as large yields as in any other part of the country. Agricultural lands are relatively cheap. High prices for dairy products coupled with cheap production should make for a profitable business; one that is not spasmodic but constant, and which goes a long way towards making prosperity smile.

There are two factors, the dairy farmer and the dairy cow, that determine to a large extent the lack of highest success in dairying. The dairyman is not willing to admit that he is in the dairy business, and to consider the work seriously and make a real study of it. Many of our farmers could well afford to increase the number of animals kept so that proper facilities for caring for them and for handling and marketing the products could be secured. Then he could afford to hire sufficient labor to carry on

the work. More real dairy cows, those that are known to return a good profit, should be kept. There can be some pride taken in a herd that will average over 400 pounds of butterfat, and such a herd leaves no question about the profits in dairying. If the real facts were known about the dairy cows of this state, I am sure it would reflect little glory on our ability as dairymen. If dairying can be made to pay by the thrifty Danes on \$800 land, with not as good markets as we have, then with our markets and cheap lands we should do much more than we are doing at present. Even if we were to raise the average production of our cows only ten pounds of fat per animal, it would increase the returns from our dairying about three hundred thousand dollars annually, but gone about in a systematic, thorough manner, the dairy receipts could be easily doubled with even less than the present number of cows. We must have better dairy cows, and do away with those worthless scrub bulls.

Cost of production can also be greatly reduced by growing more of the protein on our farms in the form of clovers and field peas, so that it will not be necessary to purchase such large quantities of expensive concentrates. Three pounds of clover hay is equal in feeding value to two pounds of bran. Besides this these leguminous crops add to the protein content of the soil from 50 to 200 pounds, worth from \$10 to \$40 per acre.

The area of land devoted to growing hay and forage crops in New Hampshire is about 83 per cent of the area devoted to the raising of crops. The value of the hay and forage crops amounts to over \$6,000,00 annually, making this the most valuable crop taken from the soils of the state. The value of the hay crop is equal to 63.5 per cent of the value of all of the crops of the state. The only thing to mar this record is the very low average yield per acre, which amounts to only about a ton. Our duty towards this crop is clear. We must double, yes, treble, the yield per acre, which can be readily accomplished in many instances through intelligent handling of our grass lands.



Time will not permit me to speak of many of the promising fields for development in New Hampshire agriculture that I would like to call your attention to. I have not even mentioned poultry, sheep and swine husbandry that can be very profitably carried on to a much greater extent and along more progressive lines. Horse breeding is apparently almost a lost branch of agriculture in this state, although one that could well be encouraged to the advantage of our farmers.

The growing of pure seed and pure-bred superior types of livestock of all kinds needs to be engaged in to a much greater extent than at the present time.

But I must hasten and speak very briefly of another and, to my mind, the most important line yet touched upon, and that is our crop of farm boys and girls. The crop is entirely too small, and they are gathered and sent to the cities even before they have matured, to the disadvantage of our rural communities and decidedly to the advantage of our centers of population. In spite of the fact that there never was a time when the opportunities in agriculture were better, and social, educational and religious surroundings were more desirable, many of our rural communities are decreasing in population. They are going to swell the number of that large class of non-producers which will help to cause even higher prices for the necessities of life. But that point must be reached beyond which prices cannot soar, and larger numbers will look to the soil for their living, and when that day comes, and we are on the eve of it, these old-fashioned farms will all be taken up and farmed as never before, and made to yield of their abundance through the skilled hands of earnest workers, made so by the best of teachers—stern necessity. Much of our land that is now valued at \$40 per acre will sell for \$200 and \$300 an acre, and it will be worth it.

But to return to the young people of our rural communities. What can we do for them? We can give them a different training at home, and not from earliest child-



hood instill into their minds the shortcomings of farm life, as is so often done. We can give them a chance to learn to love the old homestead and all that it represents. We can point out the possibilities possessed by the most independent and best calling on earth. Our schools should begin early to call to the attention of the child the natural beauties and laws of nature, and in high schools should offer courses in agriculture for the boys and home economics for the girls, taught in such a plain, practical way as to be of real help and value to those who desire to follow a rural life.

The state never has and never will raise a more valuable crop than that to be found in its young people, and to them and for them we should be willing to make any sacrifice. Who will undertake to place a value to any neighborhood or to the state of a thrifty, honest, upright, educated citizen, properly trained and equipped for his life work?

### A STUDY FROM THE CORN FIELD.

BY DR. GEORGE M. TWITCHELL OF AUBURN, ME.

We are passing through an experience where a tissue of truth wrapped in a bundle of falsehood is claiming the attention and filling the minds of all classes. The craze for the dollar constitutes the danger point in our present civilization. The world has passed through the era of war, of art, of feudalism, and entered now the most tenacious and selfish, the age of rank commercialism. Not even a textbook can be found but instills this by the proposition, "How much did he make?"

As a result, distorted views of life fill the brain, and glittering promises of big dividends destroy habits of industry and frugality. Benjamin Franklin once declared that there are three ways for a people to acquire wealth—by war, as the Romans did, by commerce, and by agriculture. Well will it be for us when reliance upon the basic industry of all life again fills the mind and satisfies the

judgment, and we turn to the soil to study its constituents, learn its power and the open path to largest partnership. Among the many marvelous experiences through which observing men are constantly passing, none is more surprising than the responsiveness of nature when given a cordial invitation.

In no department of field work is this more plainly to be met than in the growing of what has been for years a neglected crop—the corn. In the recent awakening, New England realizes today the opportunity for results heretofore impossible.

Without discussing the cause, let us consider the fact as it relates to the work of 1911. The farmer who has failed to have his blood stirred to the better appreciation of the corn crop must be past regeneration, for so thorough and complete has been the work of the specialist and experimenter that no one can question the records obtained. Each of these results is the outcome of the observance of some simple law recognized, perhaps, but not previously applied. Once New England acres grew immense crops of corn, but failure to observe fundamental laws brought lopsided soil conditions, and low prices through the West killed ambition to grow this all-important crop. One fact has been learned which should be of supreme importance, that the laws of Nature are inexorable, and only when we conform to them is there harmony.

The first story to be told has to do with the simple yet so neglected lesson of soil preparation. The grower of the West places the cost of growing an acre of corn at sixty baskets of ears. We of New England, without the broad areas and because of the soil robbers of all the years, must grow one hundred baskets before profit becomes possible. Therefore every step bears an important relation to the crop yield and cannot be neglected.

I want to place special emphasis upon the preparation of the soil for this crop. If we are to minimize cost of production we must maximize soil preparation. Better

plowing lies very close to the heart of the whole proposition. Regularly-turned furrows aid crop development; deeper plowing a better seed bed. The harrow becomes the sheet anchor of the future corn grower. We discuss thorough preparation, but place emphasis too often on least essential steps.

A haphazard, hit-or-miss method of seed selection has led far astray from the true path. He who attempts the ear-row test, by the use of seed now available, will get some knockout blows at harvest time. In some careful tests in Maine the past year with seed critically selected from one field the yield of seed ears varied from 82 bushels to none. All this for want of systematic corn breeding. The most important crop grown this year should be the ten or twenty-ear row test patch, away, if possible, from the field crop, so that intelligent seed selection may be insured. Using 200 kernels from each ear, marking each ear and the rows to correspond, it will be a simple matter to determine in September which gives the largest per cent of seed ears, well matured.

Going one step farther, by detasseling every other row before the pollen falls, the entire vigor of the stalk may be formed into ear development, and these rows be made the foundation for future work in improvement. I want here to emphasize the importance of commencing early to remove all side shoots, non-bearing and diseased stalks, this to be kept up throughout the season. If this year seed must be taken from that selected in the field last year, it is a good time to begin consecutive work in corn breeding for the future, with a single object, uniformity in reproductive power. The wide variation in all ear tests forces the conviction that ordinary methods of seed selection cannot longer be relied on. There's another important step not to be neglected, the marking of the most vigorous stalks when eight inches high, and following these through the season, final selection of seed to be made from those stout at the base, tapering well to the tips, of good length, carry-

ing an abundance of large, broad leaves and one well-developed ear. The law of heredity must be carefully reckoned with, as must also that struggle for variation. Heredity is the law of breeding by which we fix peculiar characteristics. Variation is the rebellion of nature against this law by which improvement is made. To seize the variation and fix it by continuity in breeding, so that the prepotency of heredity is established, is the one task for the breeder.

Discussing the question with sole reference to crop yield, all these steps become important. He who fails to grow a maximum crop has either himself or some unusual climatic disturbance to blame. Today we should set the standard, in fairly good corn seasons, at 100 bushels of shelled corn per acre. To reach this there must be complete preparation of the land and the use of none but well-bred and selected seed. Planting the rows three and one half feet apart, with hills three feet, four kernels to a hill, if every kernel comes, would insure 16,450 stalks. When we can grow this number and develop one ear to a stalk, we will more than double the yield of the present, and to do this should be the object with every grower.

When we have reached the point where every kernel will germinate and produce one ear, it will then be time to discuss two ears to a stalk. One ear would ensure 10,000 pounds of well-cured ears to the acre, or more—a yield not yet reached by the best growers. Beyond this, if you can by selection add one half inch to an ear, you would, upon the same basis, increase the crop yield 400,000 kernels per acre. How easily this can be accomplished no one realizes who has not attempted experiments along this line.

The average ear of eight-row corn carries about 320 kernels. Increase this to 420, a very simple proposition, as experience has shown, and you would add 1,000,645 kernels to the yield from that acre. The possibilities along these lines cannot be appreciated, yet I am discussing only a simple proposition, appreciable everywhere where corn

is grown, and demanding only good business oversight of all details. Corn is a sun plant, and its roots run close to the surface, extending over a large area, therefore fertilization should be general rather than concentrated. All feeding roots are at the extremities, not about the center. Six to eight tons of well-mixed barn manure spread evenly and well worked in will not only feed the plants but aid in keeping the land open, porous and in ideal condition for the roots to search for food. For a fertilizer, use one carrying at least four per cent of nitrogen, in order that leaf growth may be stimulated; seven to nine of phosphoric acid—available— and eight of potash. In my own case, in growing 119 bushels of shelled corn per acre, I used only commercial fertilizer, 1,500 pounds to the acre, carrying proportions just indicated, without any barn dressing, and this, too, on old, neglected land, a portion being for many years a cranberry bog. It was plowed in August, 1909, and well worked at four different periods before the ground froze. Then in May, 1910, I cross plowed and thoroughly worked, applying 800 pounds of this fertilizer just before the last harrowing, 350 in the hill with the planter, and the same amount broadcast between the rows, July 20, at the fifth and last cultivation.

I am forced to the conviction that this last application was of peculiar benefit and the practice one to be urged everywhere. The seed used was from the ear-test row giving me the highest average of seed ears in 1908 and 1909. Attention has already been directed to the roots and their tendency to hold near the surface. Failure to carry this in mind is likely to work injury, as after the plants are eight inches high these roots will nigh meet between the rows. For this reason, while cultivation should be frequent and kept up as long as the horse can get between the rows, the cultivator teeth should not be allowed to go more than one inch below the surface after the stalks are six inches high. This will preserve the dust mulch and also retain moisture in the soil for next year's crop.



The best ear of corn grown may be the poorest for seed, because of the want of continuity in method of seed selection and lack of fixedness of type or strain, hence the ear-row test becomes necessary for the growing of improved seed for future crops. Seed deterioration is simply seed neglect. The trouble is not with the corn but the man. Any system of selection, rigidly followed, will lead to improvement, but only the best plan will insure the larger returns. As all seed in the row test is of the same variety, save the ears from the detasseled portions, those promising added vitality, because of relief from the taxing of vigor in the development of pollen. As the glazing period approaches, top this portion and leave the ears until the husks dry and curl away from the cob; then select first the seed ears for next year's row test; then gather those for your field crop. Hang the ears where they will dry thoroughly before freezing time, but not under too much heat. My own experience has proved that whereas the average protein content of New England flint corn is 10.07 per cent, men have unconsciously, by some like method of seed selection, raised this to 12.65 per cent, adding materially to its feeding value.

For the first time in New England, prizes in corn contests have this year been awarded, as all should be in the future, upon food value, not yield per acre. No one step will so rapidly insure straightforward systematic breeding as this.

The results obtained this year may have been accidental, peculiar to the favorable season, but the fact remains that in awarding all prizes upon a water free content, on crib-dried corn, there will surely follow a growing appreciation of the importance of corn improvement by breeding, and the time will come when strains of flint corn will represent as much to the critical grower as great records do in the advanced registry. The time is coming when buyers will demand guarantee of protein and carbohydrates in seed corn. Northern New England does not want to be



troubled about dent corn, except for silage, but set every face towards the best possible improvement of the old-fashioned flint varieties adapted to your own locality. Don't send far from home for seed, surely not far to the South. No crop is so susceptible to environment, none responds so readily to a well-directed invitation, none reverts more rapidly when the directing hand is removed. Take the best you have, or that grown under like general conditions, and set yourself to improve the same, and 1915 will find you master of the situation and the possessor of a strain equal to any to be obtained elsewhere. The whole problem is within your own hands to be worked out by careful, systematic, painstaking selection and breeding.

The corn crop of New England has multiplied many times within the past five years, but the next ten will witness a development far beyond present comprehension. Every acre improved, every bushel added to the acre yield, hastens the day when flocks and herds must be increased to consume the corn crop of the farm. The vital connection between corn growing and prosperity will gradually be accepted, and then our absolute dependence upon some form of stock husbandry will force itself to the permanent improvement of our New England agriculture.

One step in this problem must not be overlooked. In the selection of seed, the location of the ear on the stalk demands attention. We want not only good-sized, well-shaped ears, with straight rows, deep, broad, square kernels completely filling the space at the base and fairly well rounded at the top, but we want also that ear to be set on the stalk where it will promise to insure as good stalk development and yet complete maturity next year. Ears near the ground should be discarded, because of the probability of reducing the size of the stalk, length of ear and time of maturity. Discard also those setting high on the stalk, because of risk of increasing stalk growth, and so lengthening the ripening period beyond the time necessary for it to mature in this climate. These facts seem trivial,

perhaps, but they play an important part in determining profit or loss with the grower.

In view of the present increasing interest in corn, the fast multiplying acreage, and especially the attention paid by the managers of fairs and expositions, it will be well for the grower to remember that his profits will come from the study of the utilitarian side of the problem, not through the show ring.

It is a fixed rule in all breeding that you cannot carry forward two standards at the same time. Beauty lines, perfection of symmetry, harmony of color are all pleasing to the eye, but I would rather have a great egg producer in my pens with a twisted tail feather than an idle prize winner. Our dairy interests have been sadly retarded by the arbitrary bred characteristics established for the show ring, and it promises to be the same with corn. Cylindrical ears, perfectly tipped, may be the right ideal for the show ring, but the grower whose eye is fixed on shape and tip development will inevitably reduce the length of his ears. Remember, we can hold but one idea at a time, and must place emphasis on the vital essentials. I would rather have a straight ear, with large, even kernels to the tip, and one half inch of cob showing, than the cylindrical ear, completely tipped with flat, small kernels, for one leads towards a larger ear development, the other to a smaller. The attempt to magnify the importance of purely show qualities will, if unchecked, prove a barrier in the path of progress in corn improvement. Because of the growing popularity of corn exhibitions, it may not be out of place to direct attention to an injustice resulting from state or county prizes as now awarded. The valley of the Connecticut will doubtless mature a larger, later variety of corn than the Ossipee, the southern counties than the northern; hence in offering prizes zones should be established, not by parallel lines across the state, but to conform solely to soil and climatic conditions, the one purpose being to encourage the increase of the crop in all portions of the state, and

place all competitors in classes where like general conditions prevail. More corn for New England must be our rallying cry, and that should be repeated by every institute, through every grange, in every community, until the incoming of western corn is checked, the barns again filled with flocks and herds, and every acre brought to the highest state of cultivation and its latest crop-producing capacity.

Then, and then only, shall we have contributed our full measure of service towards making secure and permanent the foundation of our form of government.

Then, and then only, will the currents of influence be directed towards the establishing and continuing of a stanch, true, aggressive, positive Americanized manhood. Remember that "when through failure of agricultural products a nation ceases to feed itself, deterioration begins." This board of agriculture, this college of agriculture, this state grange, have each an important service to render in producing this end, and that service demands strong men, large brains, positive wills, faithful workers.

The drift towards pleasure and indifference regarding extensive, intensive labor must give way, else our institutions, our homes, our most sacred belongings are in danger. The path to greater security lies through an awakened agriculture, and you and I must not longer neglect our opportunity or fail in the performance of recognized duty.

### EVENING SESSION.

A large and appreciative audience greeted the speakers at the evening session. Governor Robert P. Bass was the first speaker, whose address was as follows:

#### GOVERNOR BASS' ADDRESS.

I am glad of the opportunity to address this audience this evening under the auspices of our State Board of Agriculture, in whose useful and honorable history of more

than half a century a new and interesting chapter, I believe, is just now beginning.

There is new life upon our New Hampshire farms today. They are better kept, better managed, better cultivated, better fertilized, better stocked than was the case even a decade ago.

The United States Census Bureau gave out figures recently, showing that there are fewer farms and less farm acreage in New Hampshire today than there were in 1900, but these figures show also that the value per acre of New Hampshire farm lands has increased 40 per cent during that time. On the whole, I think we should not be dissatisfied with this situation, and that our ambition should be not for large but for productive and profitable farms.

Thousands of acres of New Hampshire land have been found, after long trial, incapable of profitable cultivation, and have reverted to forest, a change which should increase rather than diminish our state's sum total of assets, if correct methods of preserving our forests and marketing the timber crop can be generally adopted.

There has been good advance in popular sentiment and knowledge on this line. Scientific forestry is much more generally understood, appreciated and practised than used to be the case. From the corporations and partnerships that control vast acres of timber land to the individual farmer with his large or small wood lot, there seems to be a widespread desire and purpose to cultivate our timber crop as intelligently and economically as any other.

It is well that this is so, for to the dangers that have threatened our forests in the past is now added the very present peril of the new insect pests. I am afraid that we do not fully appreciate the gravity of the situation. It will take the united efforts of the state, the cities, the towns and the individual landowners to check and destroy this devouring army of brown-tail and gypsy moths. It can be done. Many a New Hampshire orchard, thanks to energetic and intelligent warfare with pruning knife and spraying ma-

chine, has not only conquered its insect enemies, but at the same time has greatly improved the quality and quantity of its product. This must be done, and it can be done; but it has not always been done; it is not, in many cases, being done at present. The state and the towns must spend more money and spend it more wisely, and they must have better support from and coöperation with the individual landowners before this can be accomplished.

Coöperation, mutual help, interest for and with one another; that is what we need on New Hampshire farms, as everywhere else in the state. It is one of the watchwords of our famous farmers' fraternity, the grange. It is the Golden Rule which we should hear every Sunday in our churches. It should be taught in our every school as the foundation of our government.

I hope we can apply it more and more here in New Hampshire on our farms. The insect pest condition is a compelling instance, but there are others. Our agricultural college at Durham is doing good work, but it can do more and better, especially along extension lines, with a better knowledge of and interest in it on the part of the farmers of the state. Our milk producers, our fruit growers, our poultry raisers are organized, and their organizations have done much for them; but they can do still more in the way of bettering the product, marketing it more economically, and by getting higher prices for it.

The city people who come to New Hampshire for country residences, for summer homes, for a vacation playground, can be brought within this circle of coöperation and made to yield our state other good besides the several millions of dollars which they leave with us annually.

Finally, the farmers of this state should coöperate at just this time in legislation. I think we have a fine body of men in the general court now in session at Concord. I believe they have the best interests of the state at heart, and will try to prove it in their acts. But they will need



all the help they can get in meeting the issues and surmounting the obstacles that confront them.

New Hampshire real estate, on the whole, is taxed too high. New Hampshire timber lands, on the whole, are taxed on a wrong basis. We have not finally settled the questions of good schools and good roads in rural sections. The producers on the farms and the consumers in the cities should unite in demanding what is their just due in the way of transportation service and rates.

I am glad to know that some of these questions have been considered at this meeting under the auspices of the State Board of Agriculture. I hope all of them will be discussed at grange meetings and other gatherings. There are a hundred farmers in the legislature, including some of its most able and influential members. If all the farmers of the state will let their representatives in the general court know their opinions and wishes as to the issues of the time, the result, I am convinced, will be of great assistance in solving present problems and getting the right answer.

There is a right answer to every question that is asked today of our farmers and our state. In meeting these problems let us all help each other in learning the lesson and achieving the result which will be of greatest benefit to all the people.

## WHAT THE GRANGE STANDS FOR.

BY RICHARD PATTEE, PLYMOUTH, N. H., MASTER STATE  
GRANGE.

We appreciate the opportunity to discuss briefly the position of the grange in New Hampshire upon such matters as are of public interest and concern. The grange has come to be recognized as the spokesman of a class, and the inquiry, "What does the grange stand for?" presupposed its standing for something.



Its attitude and its accomplishments in the past are matters of common knowledge, but of too little appreciation. We need to be reminded of its fatherhood of the whole system of public service corporation legislation through the so-called granger laws of the '70s in the Middle West. The farmer on the R. F. D. mail route and the New Hampshire parent whose child is getting from two to ten weeks more schooling each year in the district school, and that under better teachers and supervision, and in addition is to secure at the public expense a high school or academic education, four years of training that was possible only to the rich or well-to-do in days gone by, need to be reminded occasionally of the things the grange has done for him.

Present purposes, not past performances, are the justification of the plea of the grange for the continued support of the farmers of the state. So far as those purposes may be dealt with here, we will enumerate and discuss them in bare outline.

1. The election of United States senators by the people. Until the United States constitution is so amended as to permit of this practice, the grange in New Hampshire stands for the amendment of the present primary law in such wise as to allow the people to name to the legislature the men for whom its members should vote. This is neither the time nor the place to discuss this measure, but it is interesting to contemplate the probable election by the legislature of a neighboring state of a United States senator whom the people of that state manifestly do not want.

2. The adoption by the present legislature of the federal income tax amendment to the national constitution. Legislation to that effect was introduced this week by a prominent member of the grange, and the organization will back his efforts to secure its passage.

3. The grange takes issue squarely with the trustees of the New Hampshire College of Agriculture and the Mechanic Arts, in their effort to change the name of that

institution to "The New Hampshire University." The grange stands for such procedure in the appointment of the trustees as will entirely remove them from political obligation or control. The grange believes that the agricultural department of that institution was intended to and should dominate, and should be enlarged rather than belittled, as seems now to be the intention of the management.

The grange further believes that the men from the college should go out upon the farms of the state and furnish to the farmers thereon practical instruction and advice, a course of extension work for which suitable financial support should be had from the state.

4. The grange stands for the development of the natural resources of the state under such safeguards as will guarantee to the people of the state the advantage of their development. It stands for such regulation of the use of the water power of the state as will insure their use within the state in which they lie.

5. The grange asserts the right of the people of every town to protection against the improper use of wealth in any other town to procure the election of lawmakers or executors. It demands the absolute publicity of campaign contributions, and expenditures by any and every person whomsoever.

6. Anticipating the early meeting of a convention to revise the constitution of the state, the grange demands that in such revision the relative strength of the country towns in the legislative bodies be not decreased. It objects strenuously to coupling country towns with villages or wards dominated by other interests in such a way as to give those places political control over county communities.

7. The grange recognizes the merit of the system of initiative, referendum and recall in vogue in other states. It also recognizes the different conditions in those states, most of them in which the system is so satisfactory being agricultural more than otherwise. It realizes that with

more than half the voting strength of the state located in the cities and villages and much of that strength of foreign birth and of one religious faith, the interests of the country places might be jeopardized under such procedure. It calls upon the people of the state to study these propositions well before taking action upon them.

8. The State grange stands for such legislation as will encourage the investment of capital in farm securities. It calls upon the people to demand of the law-making body relief from double taxation and from the unjust proportion of the public burden which is now imposed upon owners of real estate. Not that he may escape his own but that he may not be loaded with the share of the burden that belongs to others, is the demand of the grange for the farmers of the state.

9. The grange stands for the extermination of the sheep-killing cur dog. It believes that suitable dog laws would restore to our farms a profitable industry, and it demands such laws as will adequately protect farmers from damage to sheep by dogs.

10. Most important of all, the grange demands progressive and liberal educational policies throughout the state. In the towns it urges the people to burden themselves to the extent of their ability to increase and improve the schools of the towns. It calls upon the state for a liberal appropriation to equalize the quantity, the quality and the cost of education throughout the state. In its meetings the grange offers to the people an educational opportunity unequaled in New Hampshire for the development of talent, the growth of knowledge and the promotion of that intelligent judgment essential to the solution of the problems that vex our private and public life.

In a word, the grange stands for those things of advantage to the farming class, not inimical to any other class, which, after study and consideration, a majority of its members believe to be reasonably their right.

WINTER MEETING 1912,  
AT CONWAY.



## WINTER MEETING 1912, AT CONWAY.

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The forty-third annual winter meeting of the New Hampshire Board of Agriculture was held at Conway, February 27 and 28, 1912, with a good attendance at all sessions and the hall filled to its fullest capacity at the evening sessions. While the attendance was mainly from Conway and surrounding towns, seven of the ten counties of the state were represented. This was surprising in view of the fact that the meeting had been announced to be held in January and postponed to these dates on account of a quarantine by the board of health, prohibiting all public gatherings. This, together with severe weather and drifted roads, doubtless interfered with the attendance, yet there was a good audience at all the sessions, reaching 300 at the Thursday evening session.

The members of the Board present were Vice-Chairman George H. Wadleigh, Alden F. Sanborn, Thaddeus W. Barker, Herbert O. Hadley, Miles W. Gray and Simon O. Huckins. Owing to the enforced absence of Chairman Joseph D. Roberts on account of sickness, Vice-Chairman Wadleigh presided.

### ADDRESS OF WELCOME.

BY THE REV. A. T. HILLMAN OF CONWAY.

*Mr. Chairman, Gentlemen of the State Board of Agriculture and visiting friends:*

The selection of Carroll County, and of this village within the county, for holding the session of the forty-third annual meeting of the State Board of Agriculture is an occasion of great joy and satisfaction.



You are aware that Colonel Kennett, and others with him, have prepared a welcome which will run through the days before us, and of which these few words of mine are only an echo. What they have done, it is difficult to say. We are used to postponements in connection with these sessions, and they have even compelled, for your safety, the vaccination of the whole community; and I have the impression that they have prevailed upon me to stand here to double the dose, as one who has been vaccinated and baptized, so there shall be absolute immunity from any fear.

A pastor finds out, when he knocks at the door of a parishioner, two elements in the greeting. One is the personal representative, they are glad to see you for yourself, and also for what you represent in your connection with the organized religious life of you community. We welcome you and your associates today for yourselves, and the fraternity of friendship, and also because of what you represent,—the State Board of New Hampshire! We welcome you, too, more earnestly because we are alive to all the great interests which agriculture promotes!

We have come through four great periods in our agricultural life: our rural life the first pioneer period; the pioneer farmer, so to speak, was not capable of team work. He was an individualist, pure and simple; the social function was most a sin. From that life we pass to the homestead period, when every family was independent; when the father talked to the boy of the arts of agriculture, and the mother taught the girls the finer arts of the home. The halo is over all. Our New England lives today in the memory of what it has been in the past. Then comes the period of the miners, where the farms were left for the digging of gold; the farmers passed out of the section for these things, leaving many abandoned farms.

We have come now today to the period of organization, of organizing acts of the scientific education, which will restore to these acres the gold, and restore to the communities the power of hope-life which is latent within,

and we feel we must be one,—the Church, the Grange, the School and the State. The problem, where so large an interest is at stake, is vital. We must conserve all the feelings of the past, and find something new to crown the state with, by the earnestness of our endeavor and the power of coöperation.

You bring to us inspiration and zeal for the paths we travel, and cheer to aid us on our way. We sincerely welcome you to our county, our whole community welcomes you; we have opened up our hearts to you and thrown away the keys; our schools and institutes, and the name they carry across the continent and across the seas are welcoming you for this inspiration; and all the interests they represent are assuring you of the warmth of welcome in our hearts to build up the commonwealth. God save the Commonwealth!

## RESPONSE TO THE ADDRESS OF WELCOME.

BY HERBERT O. HADLEY OF PETERBOROUGH.

A man sometimes finds himself under peculiar circumstances, and that is the way I find myself at this time. Just as I was coming into the hall our acting Chairman said to me, "I am going to call upon you for a few words of response to the address of welcome." I have had no chance to prepare any paper, and it is very fortunate for you that I haven't. This word of welcome has been so broad and general, it seems to me it requires more than a word of response, and so I wish to say to Brother Hillman in behalf of the members of the State Board and the speakers, that we sincerely and most heartily thank you for these words of welcome. We realize that you have done everything for us. We are glad you were all vaccinated before we came here, and hope you will not ask us to go through the same thing before leaving you.

We are very glad to see so many here, in spite of the fifteen-inch fall of snow, and conditions which are not so

favorable as oftentimes. We are most glad to observe that your interest is great enough to bring so many of you here. Your welcome is so general I feel I must say a little more than just return our thanks.

It might be of interest to you for me to tell you briefly a little of the early history of the State Board of Agriculture. The first Board of Agriculture was organized by an act of the legislature in 1823; this held a few meetings which were reported by the Secretary Moore. Then later, by an act of the legislature in 1870, the Governor appoints one man in each of the ten counties as a member of the Board of Agriculture, and they elect a man as secretary. Now at that time, the duties of the Board were largely to hold meetings among the people in the various counties; but most every legislature since then has added to the duties until, today, it does not simply hold meetings; this is only one of the many duties. Their duties now include supervision of licensing the sale of commercial feeding stuffs and fertilizers, and inspection of seeds, in addition to holding meetings in the different counties that the people may realize the vast importance of agriculture; that they may realize that agriculture is the basis of prosperity. We are trying to bring to these people men who are qualified and most able to speak upon the subjects of which they treat. In the earlier period, men were brought to speak without a prepared subject; after the people had gathered and talked things over, they would suggest a subject for him to speak on. Today it is much different, for that is certainly not the wise course to pursue. Our secretary realized that he must be careful in selecting his speakers, and bring only those who are masters in the line upon which they are to address the people.

We hold two meetings each year, in addition to institutes in each county, and this is one of those meetings. It is a school of instruction, not only for the ten members, but for the people who are engaged in agriculture in the locality. We make every effort to obtain for you the best

speakers that the country affords, and we have come here to hold our winter meeting.

We are pleased to have so many with us, and also our speakers who will treat upon the different subjects. We hope you will derive benefit from their addresses; take notes if you like, and if you do not believe what the speakers tell you, try it out yourselves; experiment, and give it a satisfactory test.

I thank you for your cordial welcome, and so far as we are concerned we appreciate all you have done, and the people you represent, for the State Board of Agriculture.

## ANNUAL ADDRESS

OF CHAIRMAN JOSEPH D. ROBERTS OF ROLLINSFORD.

(Read by the Secretary.)

In travelling over the state I have often found many farmers discouraged and almost disheartened, and they are almost persuaded to leave the old farm, go West, or into the cities just when, it seems to me, that better days are in store for the farmers of New England. With the trend of those coming to the new world toward the cities; with the demand for everything right at our doors; with the value of the products of the farm on the increase; with government land nearly all taken up; with no Horace Greeley crying "Go West, young man"; with the return of many of those who left the farm back to the soil, I certainly feel that those who stand by New Hampshire will have a better and brighter future than in the past. Our last census shows less farms in New Hampshire, but shows a net gain of nearly fifteen millions in the value of farm property. The farmer is frequently dissatisfied, and says there is no money in tilling the soil. His desire is to get away from the farm and go into business or enter a profession. He forgets that if he makes a good living, and gives his family the pleasures that have been his, he is doing all the average

man can hope to do, and much more than the great majority of men succeed in doing. He is dissatisfied with living in the country because he has false notions of what constitutes success. He believes the city affords more pleasures, seeming, though unreal. The farmer is frequently dissatisfied because he is hard to convince of the error he is making, which really interferes seriously with his profits. If farming is a life of isolation, no one wants it. If the farmer must by the nature of the occupation be deprived of reasonable leisure and luxury; if the conveniences and amenities must be shorn close; if comfort must be denied and life reduced to the elemental necessities of food and shelter, no one wants it. I have lived all of my life on the farm, and I certainly do not believe this is the case. The wealth of the world comes from the land, which produces all the direct and immediate essentials for the preservation of life and the protection of the race. When people cease to look to the land for support they lose their independence and fall under the tyranny of circumstances beyond their control. They are no longer producers but consumers, and their prosperity is contingent upon the prosperity and good will of other people. Only when a considerable percentage of the nation is living close to the land can the highest type of independence and prosperity be enjoyed.

The law applies to the masses as well as the individual. The farmer who produces all the necessities and many of the luxuries, and whose products are in constant demand and never out of vogue, should be independent in mode of life and prosperous in his fortunes. The fault is to be found not in the land but in the man who tills it. Ninety-five per cent of those who engage in commercial and professional occupations fail of large success. More than 50 per cent fail utterly and are doomed to miserable dependent lives in the service of the more fortunate. That farmers do not fail nearly so often is due to the bounty of the land, the beneficence of nature and to the ever-recurring seed time and harvest, which even the most thoughtless cannot



interrupt. If there is one thing more needful to the farmer of New Hampshire than another, it is a sound, practical, businesslike education; a thorough knowledge of his land, his animals, of every crop he raises and all that pertains to the farm indoors and out. Brains are as necessary to success in farming as in law, medicine or any business or profession, and the man or woman who has a reasonable knowledge of the principles that go to make up that which grows on the farm, whether it be animal or plant life, and the laws of nature that govern the same, will and does merit a success far beyond those who do not understand or are not conversant with its principles. Mind should control events in agriculture as in commercial life. That lack of knowledge, listlessness, carelessness, lack of thrift and energy, and waste are the factors most potent in keeping the farmer poor and immeasurably harassed by the obligations of life.

The men who cultivate the soil create incalculable wealth, and by rights they should be the nation's healthiest, happiest, most comfortable and most independent citizens. Their lives should be long, free from care and distress, and no more strenuous than is wholesome. That this condition is not always true is due to the fact that the average farmer puts muscle before mind, and brawn before brain, and follows without thinking the crude and careless traditions of his forefathers. We must bear in mind that conditions on the farm are gradually changing for the better. Compare the conditions of our grandfathers, and even of our fathers, with that of the present. We have our agricultural colleges, our experiment stations, the lecture courses, which are given all over the country, for the general diffusion of agricultural knowledge, as well as boards of agriculture, the dairymen's association, the horticultural society, the many fairs held annually, and last, but not least, the grange. All are introducing stubborn facts among the farmers of New Hampshire for a more intelligent and a more liberal treatment of the land.



But the changes come slowly, and there is much to be done before even a small percentage of our six millions of farms (thirty thousand or more in New Hampshire) begin to realize their opportunities, that even the slightest effort may be of some use. Success in farming depends more upon the farmer than upon the farm. A man who expects to make a success of farming must be able to make a success of any other kind of work. There was a time when men seemed to succeed by brute strength alone, but the time for that kind of farming has passed. Brute strength never won more than a doubtful victory or a questionable success. Brawn has given way to brain. The old methods, uncertain in result, have given way to the modern methods with certainty of success. While I believe that a certain amount of backbone is necessary in the makeup of a good farmer, a little sand is good in any business or profession. Farming touches life at every point and gets into contact with every other profession or trade.

The successful farmer needs a broad and liberal education. Give our boys and girls a high school education, and, if possible, a year or more at some agricultural college. I am quite well aware that there are many among us who do not believe in what they call the scientific education. They fear criticism from their neighbors. Many a boy on a New Hampshire farm today would attend the agricultural college at Durham but for his friends. His chums intimate that book farming is a failure, and he, not knowing the difference, foolishly decides to remain at home and eke out a bare existence, in the firm belief that farming is a drudgery. The farmer is afraid of scientific farming; he calls it theoretical farming, and yet there is no person so full of theories that are curious, improbable and incorrect. After all, science which is simply an array of facts systematically arranged, is nothing more or less than good common sense. Another argument against an education is their fathers and grandfathers made the old place pay, and so they did, and laid up a little money by the utmost

frugality and by the strictest economy. But do you want to live the life they lived? Would you be content with the same clothes, the same carriage, the same vacation they enjoyed? There is still another reason. Young America is not satisfied to wait a few years to get a liberal education. He thinks four years in the high school and one or more at college is a waste of time, but goes ahead, anxious to get rich in a moment. His farm life is short, and when he has gathered himself together he finds himself at the little end of the horn, without money or reputation. Another farm is deserted, the city gains another discouraged young farmer, and at the same time a consumer. Farmers of New Hampshire, I firmly believe that if we farm as we ought, surrounded with markets of easy access, with Boston hardly a league away; Concord, Manchester, Portsmouth, Berlin, Dover and other cities in the good old commonwealth, with our summer resorts, both of the mountain and the sea, demanding products of the farm of every name and nature, and that at profitable prices, we of New Hampshire have more than reasonable expectations for future success and happiness.

As to the future of the farmer there can be no question.

Look at the condition which has grown up in Europe because of the ancient systems of land tenant, a system which has prevented the average citizen from owning a piece of ground, making every tenant a peasant of some landlord. Will the farmer who tills his soil, who is the most important factor in the welfare of his country, give up his farm? Surely not.

Young men of New England, don't go north, south or west. Stay right here. There never was a time in the history of our land when farming gave more promise of a bounteous remuneration than it does now in New England. The call of old Mother Earth is today for bright young men with a purpose to do and to dare, and for our beautiful maidens to marry them and become farmers' wives and partners.

Young men should possess themselves of land and the inalienable right of citizenship. Ever remember that all other occupations are subordinate to agriculture, and among its workers are found many of God's noblemen. The poet has well said:

"The noblest men that live on earth  
Are men whose hands are brown with toil,  
Who, backed by no ancestral graves,  
Hew down the woods and till the soil,  
And win thereby a prouder name  
Than follows kings' or warriors' fame."

### COST OF PRODUCING FARM CROPS.

BY PROF. H. E. COOK, DENMARK, N. Y.

Cheap farm lands in America fixed a low price for crops from 1880 to 1900. The effect of the opening of vast areas to cultivation increased production far beyond the demand providing the demand had been based upon a first cost price to the producer, large enough to cover all of the expense involved in labor, cost of raw material, interest on investment and other incidental expenses.

The selling price to the farmer was so small that he found himself unable to meet all of these demands and secure a just reward for his labor and that of his family.

He therefore paid, as he must, all other expenses and allowed labor to stand without accounting. The final result has been, and in fact is today, that the farm crops of the country are produced by the farmers and their families, and no cash credit or salary given for the labor.

To be sure, many thrifty and fairly well-to-do farm homes are found as a product of this system. On the contrary, many homes are the center of struggle for mastery of the financial problems that confront every American family.

The relation of producer to consumer is rapidly changing. Prices have reached a point where skill in growing

will show a profit. It therefore behooves every man to begin a careful study of the actual cost to him of the stuff he sells.

It will be a mental impossibility to fix a price upon our crops and products until we are positive of their cost. The moral effect of unknown cost will operate against the owner whether he be farmer or merchant.

Progressive men realize that only a careful accounting with each cow in a dairy will bring that branch of the business to its best.

It seems best that the home grown feed should be charged to the cows at its market value. A method of accounting which charges the cow with hay, silage, straw and grain grown upon the farm at the actual cost to the grower is fundamentally wrong. This system is the outgrowth of a sentiment that believes that the dairy cow is a necessity for soil fertility maintenance and must be protected as a sacred institution.

A common practice prevails to publish profits of \$20 to \$75 and often more per head as an average for dairies. These figures do not include labor, interest and feed, that is, of home grown feeds at their market value.

To illustrate, if corn silage costs \$3.50 per ton packed in the silo and it is worth \$6.00 to \$8.00 per ton to feed based upon market prices for hay, which it substitutes, then we have no right to defraud the farm for the sake of saving the cow. Of course, one may argue that it is only a question of book-keeping. Grant it, but the final effect of such a method is to protect unprofitable cows, and to milk more cows than are profitable, thereby placing upon the market such a quantity of milk that prices wholesale will not even in this day, when comparatively high, pay the entire expenses of production.

The method also deprives the farm of its just reward. The moral question involved of compelling the farm to stand a credit system of values, based not upon the general market but upon the ability of a bankrupt or insolvent cow,

is extremely demoralizing and is as unsound in practice as to sell our crops to an insolvent or discredited dealer who has a reputation of paying only fifty cents on a dollar.

After much study on the part of those interested in the cost of production work at the state school, it was decided to make the cows pay full market prices for every pound of food which they consume.

Corn silage is not a marketable product, but hay is salable, and why should land grow corn silage at \$3.50 per ton when the same land would grow hay worth \$20.00 per ton?

The following table is given to cover a part of the year. The balance of the figures are nearly complete, but cannot be given until they are first published in the school bulletins. Suffice it to say, however, that receipts and expenses for the year will about balance.

#### RECEIPTS FROM COWS.

June, 16,547 lbs. milk at \$1.00.....	\$165.47
July, 16,548 lbs. milk at \$1.10.....	182.02
July 1, veal calf, 138 lbs. at .06.....	8.28
August, 15,579 lbs milk at \$1.30.....	202.52
September, 11,576 lbs. milk at \$1.35.....	156.27
October, 9,743 lbs. milk at \$1.60.....	153.88
November, 8,473 lbs. milk at \$1.80.....	152.51
Heifer calf on hand.....	20.00
	<hr/>
	\$1,040.95

#### COST OF KEEPING TWENTY COWS AND BULL FROM JUNE 1, 1911, TO DECEMBER 1, 1911.

Pasture 21 head at \$7.00.....	\$147.00
Rent of bull.....	10.00
Buckwheat fed green to cows.....	42.71
Oats fed green to cows.....	19.36
Winter wheat and rye fed green to cows.....	35.80



Labor cutting and drawing green feed.....	29.05
Miscellaneous labor, fences, feed, stable, etc.....	13.30
Silage, 32½ tons at \$6.00.....	195.00
1½ tons straw at \$5.00.....	7.50
Grain purchased and fed.....	127.76
Milking, drawing milk and care of cows.....	250.01
Ice for cooling milk.....	25.00
	<hr/>
	\$902.49
Average selling price of milk.....	\$1.29
Cost of producing milk.....	1.15

## OATS.

The oat crop is of prime importance to eastern farmers. It is the one grain crop that may be fed with corn silage and clover hay, making altogether a home grown ration. The crop is also adapted to lands not highly productive; in fact, the oat plant as now bred will not stand up under high feeding. And so dairy farmers having back fields can plow and fertilize, and be able to pay every expense incident to the crop and have a small profit.

The table given is based upon a per acre cost for three years and upon land which was practically abandoned at the outset.

The northern farming section seeds very largely with oats and mixed grain, and will no doubt continue to do so because of the adaptability of this grain to the soil, climate, and cattle feed needs of the farmers, and so we urge the sowing of not to exceed two bushel per acre.

The table which follows gives the cost of production per acre, and each item compared with 1909 and 1910:

	1909.	1910.	1911.
Yield per acre 33⅛ bu. oats at 50c.....	\$16.56		
“ “ “ 15-16 tons straw at \$8.00..	7.50		
“ “ “ 50½ bu. oats at 40c.....		\$20.20	
“ “ “ 1.250 tons straw at \$5.00..		6.03	
“ “ “ 47.18 bu. oats at 50c.....			\$23.59
“ “ “ .94 2-1000 tons straw at \$5			4.71



	1909.	1910.	1911.
Plowing .....	\$2.00	\$2.00	\$2.09
Harrowing .....	1.20	1.48	1.36
Sowing .....	.70	.61	.63
Reaping .....	.69	.70	.69
Shocking and drawing.....	2.12	2.19	1.64
Threshing .....	1.61	2.11	1.89
Seed .....	1.41	1.35	1.31
Twine .....	.27	.26	.27
Fertilizer .....	4.76	5.03	4.58
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Total cost per acre.....	\$14.76	\$15.73	\$14.49
Profit per acre.....	9.30	10.50	13.81

	1909.	1910.	1911.
Amount of fertilizer per acre.....	484 lbs.	437 lbs.	435 lbs.
Amount of seed per acre.....	1 7-8 bu.	1 4-5 bu.	1 3-4 bu.
Cost per bush. less value straw....	\$0.2191	\$0.192	\$0.2073
Profit per bush. less value straw...	0.2809	0.208	0.2927

The conditions under which corn has been grown would not, in my opinion, be an average. Every corn grower knows well the value of either a good fat sod or of stable manure for this plant. High soil temperatures are necessary which are produced by decaying vegetable matter.

With one exception the work for the three years given has been without either sod or manure, using chemicals for plant food.

"This piece of land had a good clover sod, and while it was planted and not fertilized as highly as the balance of the corn, the tonnage was 19¾ tons or 9⅞ tons per acre. Maturity was very satisfactory indeed. The gain of 2 2-5 tons per acre should be credited to the fertilizing value of the clover sod, and no doubt had this piece of corn been planted at a seasonable period the tonnage would have been higher than it was. The result on this field demonstrates the excellent results which can be obtained by a combination of chemical manure and a well-decomposed clover sod. The fertilizing value of the clover sod on a basis of \$6.00 per ton for corn silage was \$14.40."

Nitrate of soda, acid rock and muriate of potash will feed a corn plant as well as stable manure or clover sod, but cannot make for similar soil conditions, and so no doubt the cost of production price may be justly criticised as being above what it normally should be. In connection with cost of production is given the table of analysis for three years, which indicates the exceedingly high quality of the silage. Silage carrying 30 per cent dry matter and having a nutritive ratio of 1.7 is rare, but can be, in my opinion, obtained if the grower in the north and east would seed only with flint corn which had matured on the farm.

The problem on the livestock farm where silage is fed is to secure concentrated feed. The coarse, bulky feeds are plentiful. The culture of corn for silage containing the largest possible weight of grain is therefore a very forceful and important method of increasing concentrates.

Below will be found the analysis and nutritive ratio of the school farm silage for 1909, 1910 and 1911. It will be observed that the nutritive ratio is narrow. Corn silage of this analysis makes a fairly well-balanced ration alone. The corn from which it was made has ripened here for a number of years and is the flint corn noted on a previous page of this bulletin. It seems to the writer that these figures emphasize the necessity for mature corn in the silo as against much of the immature stuff which is too often ensiled.

	1909.	1910.	1911.
Water .....	70.76	72.80	68.65
Protein .....	2.75	2.86	3.10
Crude fiber.....	5.21	5.05	6.48
Nitrogen free extract.....	18.88	16.99	19.19
Ether extract.....	1.03	1.23	1.14
Ash .....	1.37	1.07	1.44
Nutritive Ratio .....	1-7.7	1.6.9	1.70

## Table comparative cost of production:

## SILAGE CORN.

	1909.	1910.	1911.
Yield per acre, 8¾ tons at \$7.00.....	\$61.25		
“ “ “ 6.822 tons at \$4.50.....		\$30.70	
“ “ “ 7¾ tons at \$6.00.....			\$46.50
Plowing and harrowing.....	\$3.49	\$3.49	\$5.28
Sowing fertilizer and planting.....	1.00	1.13	1.23
Cultivating and hoeing.....	3.60	2.66	3.57
Cutting .....	1.85	.80	.59
Filling silo.....	8.32	6.19	4.56
Twine .....	.30	.30	.29
Fertilizer .....	12.38	10.68	10.87
Seed .....	.28	.38	.37
Total cost per acre.....	\$31.22	\$25.63	\$26.76
Profit per acre.....	30.03	5.07	19.32

	1909.	1910.	1911.
Amount of fertilizer.....	937½ lbs.	811.7 lbs.	883.3 lbs.

On farms where soils are adapted, and in localities where climatic conditions are favorable, potatoes may be a profitable crop as a part of mixed farming.

We have no apology to make in any way concerning the management of these crops, simply to say that the land was poverty stricken and so called for a large amount of chemical fertilizer and the effect of the heated term in July, 1911, which killed many fields in this section, and would no doubt have done likewise to this field had not bordeaux been used liberally during the wilting and following the period.

The excessive cost of hand work for 1911 was due to a wild native grass appearing in the field in the month of August when only hand work could remove it. The grass growth was also favorably influenced by small tops which did not entirely cover the ground. High prices, however,

saved the day. In offering these statements we are influenced by the fact that seldom will any crop pass a series of years without special and unusual cost items.

## ITEMIZED COST PER ACRE.

	1909.	1910.	1911.
Yield (large) 289 4-5 bushels at 40c....	\$115.92		
" (small) 27 " at 20c....	5.40		
" (large) 221 1-5 " at 40c....		\$88.48	
" (small) 12.2 " at 20c....		2.44	
" (large) 144 " at 87c....			\$126.41
" (small) 11 3/4 " at 20c....			2.35
Plowing .....	\$4.18	\$3.54	\$4.39
Harrowing .....	1.90	2.25	2.22
Planting .....	4.30	4.30	5.71
Cultivating .....	1.73	3.00	2.51
Hoeing (hand labor).....	.68	.88	5.00
Spraying .....	8.49	9.39	10.33
Digging and delivering.....	24.01	14.61	13.04
Fertilizer .....	25.20	25.75	20.85
Seed .....	11.68	6.80	9.77
Paris Green.....	2.10	2.91	1.67
Total cost per acre.....	\$84.27	\$73.43	\$75.49
Profit per acre.....	37.05	17.49	53.27
	1909.	1910.	1911.
Amount of fertilizer per acre....	1800 lbs.	1900 lbs.	1600 lbs.
Spraying per acre.....	1000 gal.	1056 gal.	1066 gal.
Paris Green per acre.....	7 lbs.	9.6 lbs.	6.7 lbs.
Cost per bushel.....	\$0.2660	\$0.3146	\$0.4846
Profit per bushel.....	0.1172	0.0749	0.3421

Cabbage may also be made profitable when the crop requirements are known and applied. The heads were sold by the piece and not by the ton, which makes the cost of production figures less valuable to the wholesale grower. An approximate tonnage was secured of 22½ tons per

acre, making a per ton cost of \$3.46. The selling price upon the same basis was \$11.65 per ton.

The table below gives a per acre comparison in detail for three years:

	1909.	1910.	1911.
Yield 4 2-5 tons feed cabbage at \$4.50..	\$19.80		
Cabbage sold.....	75.78		
Plants sold .....	1.49		
2,750 head at 5c.....		\$137.50	
4,555 head at 5c.....			\$227.75
48 head at 2½c.....			1.20
133 heads broken at 2½c.....			3.32
2,808 plants sold.....			4.27
Plowing .....	\$4.00	\$7.50	\$6.77
Harrowing .....	2.04	5.38	8.24
Sowing Fertilizer .....	1.01	1.00	1.24
Marking .....	.58	1.43	.70
Setting Plants .....	5.46	6.05	8.24
Cultivating .....	3.14	4.81	4.20
Hoeing and Spraying.....	5.01	6.68	8.09
Marketing .....	9.24	8.95	14.12
Seed .....	2.00	2.71	1.11
Paris Green.....	.30	1.00	2.67
Fertilizer .....	10.82	10.35	13.89
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Total cost per acre.....	\$43.60	\$55.86	\$69.27
Profit per acre.....	53.46	81.64	167.26
	1909.	1910.	1911.
Fertilizer .....	1820 lbs.	800 lbs.	1066 lbs
Paris Green .....	1 "	1½ "	8 "

In conclusion, let me say that these figures may serve as a basis for calculation to those who are interested in studying cost of farm crops. These crops here given are not the only work of the Institution. We have under way all of the crops and animal life common to Northern New York.

## EXTENSION WORK AT NEW HAMPSHIRE COLLEGE AND ITS EXPECTED RESULTS.

BY PROF. J. C. KENDALL, DURHAM.

During the last few years a great deal of interest has developed in different forms of extension work. In some states the Board of Agriculture carries on the work, but more frequently the work makes up a part of the State College or University and Experiment Station activities. It is not uncommon for both the State Board of Agriculture and the State College or University and Experiment Station to carry on lines of extension work, as is being done in this state at the present time. Many other institutions and various associations and organizations have also engaged in this popular field of endeavor. At the annual meeting of the Association of Colleges and Experiment Stations, which met recently at Columbus, Ohio, there was probably no one topic that received more attention at the hands of the college and station representatives than this subject of extension work.

There have been presented to Congress several bills, both at this and at previous sessions, comprehending federal aid to the different states for developing and extending the work which is now being carried on by individual states. One of these bills, or at least some Extension bill, is almost sure to be passed by the present Congress. Such a law would be a most potent factor in developing the agricultural resources of the country.

Our attention is sometimes called to the size of the agricultural budget, and the amount of money that is being expended by the Department of Agriculture at Washington. I should like to call attention to the size of the agricultural budget as compared with what it costs to keep up some of the other departments of the government. The total appropriation asked for by Congress for the fiscal year 1912-1913 amounts to \$745,834,563. Of this sum, \$17,233,452, or about two per cent, is estimated for running the Depart-



ment of Agriculture; for the Navy, \$129,157,012, or about 17 per cent is asked for; for the Treasury, \$137,866,906, or about 18 per cent; for the Interior Department, \$190,808,964, or about 26 per cent, and for the War Department, \$201,480,003, or about 27 per cent. Not a single department represents a wealth-producing industry at all comparable with farming. Where the Department of Agriculture is asking for two per cent of the National budget, the Navy and War Departments are asking for 44 per cent. It would seem that a portion, at least, of the sums of money which are now being expended for keeping up and increasing the strength of our Navy and Army could well be spent in developing agriculture.

#### WHAT IS EXTENSION WORK?

Extension work assumes a great many forms, and there are many means employed to gain the same ends. Taken in its broadest meaning extension work is an organized effort to extend the usefulness and helpful influence of any organization to broader fields. As we generally use the term, it has reference to carrying the assistance of the colleges, universities, and agricultural experiment stations to the farms, the homes, and the schools, wherever such help appears to be most needed, and where it will be the most effective. The colleges and universities are presupposed to be in possession of some of the best agricultural knowledge. The experiment station is continually discovering new truths and approved agricultural practices and proving and disproving so-called theories.

It is a part of the extension service to take this information to the different neighborhoods in the state, and, if possible, through demonstrations and experiments on the soils in that section of the state, to prove or disprove their practicability for the benefit of the farmers of that particular neighborhood. This line of work is very effective, since seeing is believing, and if larger yields or yields of better quality are obtained without a correspondingly greater

cost, progressive farmers in that community are sure to take advantage of this opportunity for improvement.

It is the aim of extension work to place within the reach of every farmer the knowledge and methods by which he may till his soil more advantageously, produce larger crops of better quality, and market them to advantage. Or it may have to do with education, home life, health and sanitation of the farm; the principle is the same; the desired results can only be realized when the individual is sufficiently enthused to effect the changes for himself. It is not the province of the extension service to do the things and the thinking for the farmer, nor to make him a dependant, but a self-reliant, independent thinker and worker. True progress in agriculture must come through the farmer and not from the outside, but the extension service may supply some of the executive for making the attempt on the part of a citizen to better his condition, and in this way fulfill a most valuable and important mission.

Extension work strengthens the experimental work of the station in many ways; for example, if we are conducting cultural methods or fertilizer tests at the station, since soils and climatical conditions vary so much in our state as a whole, it is highly desirable that these methods also be tested on the different types of soils and under different conditions as they exist in various parts of the state. Since we are not permitted to use federal funds for this work, the extension service strengthens and supplements the work of the station in a most valuable and helpful manner.

#### FIRST ESSENTIALS FOR EXTENSION.

It is necessary, in order for extension work to be of value, that there is something worth while to be carried to the field. As previously stated, it is supposed that the colleges and universities and stations are in possession of reliable information that would be helpful if they could be applied to general farming conditions. At New Hampshire College we are taking every precaution possible to

test out thoroughly the value of all farm practices before we recommend them as guides to farmers. Failing to do this would endanger the foundation structure of extension service.

We have at the College a farm and dairy herd, and we are endeavoring to place this farm and herd upon such a footing that it will meet the approval of the most critical. We have this equipment, and hence it is necessary that we demonstrate that our methods will produce results. We must place our farm and herd on a good financial footing and conduct them in a businesslike way. If this can be done without detracting in any way from the usefulness of this equipment for instructional and experimental purposes we feel that it will strengthen such work. We have some excellent stock for a good dairy herd at the present time, and we feel that when we have demonstrated that we can build up, by raising our own stock, a herd of high producing capacity, that we will then be the better prepared to go before the New Hampshire Dairymen and assist them in carrying out a similar line of work. We believe that if we can, on our farm, produce a larger crop or crops of superior quality through improved cultural methods or the selection of superior seed, or by any other means, that the farmers who are engaged in growing such crops will be interested in knowing how such results were accomplished, and be encouraged to try those methods upon their own farms.

#### PRESENT LINES OF EXTENSION SERVICE AT NEW HAMPSHIRE COLLEGE.

It is not perhaps generally understood that all of the work of the Experiment Station has been carried on with funds supplied by the National government previous to this year. Last year we went before the state legislature and requested that a small sum be appropriated for publishing information bulletins, and this was done because the federal government furnishing the money reserved the

right to designate the manner in which the money shall be expended, and while they permitted the station to publish results of investigations, they do not permit us to publish purely information circulars such as would always be suitable for the farmers' immediate use. We are now allotted \$1,500 by the state for this work, \$750 for each year. This appropriation became available the first of last September. We have published the following six information circulars:

"The Purchase and Home Mixing of Fertilizers."

"Horticultural Information and How to Obtain It."

"Notes on Agricultural Lime."

"The Apple Maggot or Railroad Worm."

"Some Suggestions About Fertilizers."

"Variety Tests of Mangels on the College Farm."

We have, in addition to the above, four or five other very valuable circulars and bulletins in preparation. We have also started a series of weekly press bulletins which are sent out not only to the newspapers but direct to our state mailing list, comprising over 10,000 names. These press bulletins deal with some timely topic, and call the farmer's attention to the subject at the time when it will be of the greatest value to him. We have already sent out thirteen of these press bulletins. They have apparently been very well received, and the many appreciative letters that have come to our desk lead us to believe that these press bulletins are of real service to the citizens of New Hampshire.

We also asked the last legislature to appropriate a small sum to enable us to conduct other lines of extension work, and \$5,000 was appropriated for the biennial, \$2,500 for each year. There are so many promising fields for conducting extension work in the state, that one of the most difficult tasks was to select those that we could undertake with the means at hand, and at the same time not take up work along one particular line and leave the others entirely neglected.

## THE ANSWERING OF LETTERS OF INQUIRY.

One line of work that we consider of great importance, and one that is rapidly increasing at this institution, is that of answering letters of inquiry which are sent in from all parts of the state, asking for information with reference to all phases of agriculture. We feel that this line of work is of much value, because when any one is sufficiently interested to sit down and write in to the Station with reference to any subject we feel sure that any good advice or assistance that we can render them will be appreciated and will be made good use of.

## FARM SURVEYS.

Another line of extension work that gives promise of great possibilities is farm surveys. The value of this work lies in the fact that we determine conditions actually as they exist. In the farm survey, which is now being conducted in coöperation with the Bureau of Plant Industry, Washington, D. C., at two points in the central and western part of the state, a complete census of the business of each farm in a given locality is taken, and from this data the summaries are made, which furnishes the most reliable information that can be obtained upon agriculture as it exists in that particular community covered by the survey. We have a publication, which is nearly ready for the press, covering the results of the farm survey work conducted last summer.

\*One very interesting point was brought out in this farm survey that was conducted in four townships of New Hampshire two years ago, on the value of an education to the man who lives on the farm. The average labor income of 112 who had received a high school education was \$482.23; the average labor income of 154 farmers who had received a district school education only was \$229.89. The difference in the earning capacity in favor of the farmer who received a high school education was \$252.24. The

\* Circular 75, Bureau of Plant Industry.



earning capacity of the farmers who received a high school education was found to be more than double that of those who received only a district school education.

Similar results were obtained by a survey conducted in New York State. The farmers who received a high school education averaged nearly as much again for their labor as the man who received only a district school education, while the men who had received the advantages of a college education received nearly three times as much for their labor income as the men who did not have more schooling than what they received in the district schools. Looking at the matter from another standpoint, it shows that if five per cent interest was allowed on the money, the different figures would show that a high school education is equivalent to a \$6,000 investment, and a college education equivalent to an investment of \$10,500. In other words, by supplying the son with a good high school education should be equivalent to giving him a good farm, and a college education, an extra good farm with up-to-date buildings and equipment.

These facts are very valuable because we have had little opportunity to know what it was worth to a young man on the farm to receive the advantages of higher education. If no other information was obtained from these farm surveys than the facts alluded to above, the survey was well worth the investment.

#### ORCHARD SURVEYS.

The Horticultural Department is also making an orchard survey of the state. Several counties have already been covered. The value of a survey of this kind to the orchard interests of the state is apparent.

#### DAIRY COW TEST ASSOCIATION.

We have just completed a year's work with a Dairy Cow Test Association at South Lyndeboro, which is the first really successful association which has been conducted for



a year in New Hampshire. This work will be continued, as the dairymen who belong to this association are well pleased with the results obtained during the year. A bulletin covering the results of the year's work will be prepared in the near future.

#### COOPERATIVE FERTILIZER EXPERIMENT.

The Agronomy department is coöperating with farmers in different parts of Grafton and Coös counties with experiments on fertilizing grass lands.

#### VARIETY TESTS OF CORN.

An attempt is being made to obtain some of the very best seed corn which is grown in New Hampshire. A canvass of the state is being taken for this purpose. The best varieties of seed corn obtained from the different counties will be grown side by side upon our county farms. Those varieties which prove to be most worthy will be taken as a foundation for corn breeding work at the station. After we have obtained the best seed which we can find in the state we propose to try and improve this variety through selection and breeding.

#### CENSUS OF THE SHEEP INDUSTRY.

A census of the sheep industry in New Hampshire is being made by the Department of Animal Husbandry, with a view to determining the true status of the industry. This will enable us to better understand in what ways we may best improve and encourage the sheep industry in New Hampshire, which has undoubtedly been neglected during recent years.

#### EXHIBITS AT FAIRS.

Last fall we placed exhibits at some of our leading New England fairs, in which we attempted to set forth some of the work which was being done by the College and Experi-

ment Station. These exhibits attracted a lot of attention and I trust were instructive.

#### DEMONSTRATION.

Demonstrations are given in different parts of the state on pruning and spraying fruit trees, and also other agricultural practices. These demonstrations are very effective ways of taking assistance to the farmers of the state.

#### LECTURERS AND JUDGES.

The College and Experiment Station staff are called upon frequently to address Farmer's Institutes, Grange meetings, and other farmers' organizations. They also act as judges at our fairs.

#### IDENTIFICATION.

A great many samples of fruits, grains, weed seeds, and fungus and insect-affected specimens are sent in to the station for identification.

#### COUNTY DAYS.

We are to hold, next August, County days, at which time we will invite the citizens of the different counties to come and visit the College and Experiment Station and inspect and become more familiar with the institution and its work.

#### POULTRY DAY.

On the twentieth of February we held a "Poultry Day" at the College, which proved to be a fine success in every way; 160 were in attendance at the meetings.

#### DAIRY AND ORCHARD DAY.

On the twenty-ninth of March we propose to hold a "Dairy Day" at the College, and later on, "Orchard Day." Each one of these meetings we intend to make interesting

and profitable to such an extent that in the future, when better facilities are provided, we may extend the time for these courses into two days, or perhaps a week.

#### AGRICULTURAL READING COURSES.

We have proposed this year Agricultural Reading Courses along eight different lines. We recommend a list of reading, including text-books, reference and supplementary books, bulletins, circulars, and other free reading material for study. Three sets of twenty questions each are sent out to those pursuing the course. The papers are graded, corrected and returned. It is hoped through the medium of these Agricultural Reading Courses to not only stimulate a deeper interest in agriculture, but a desire on the part of the readers for a fuller knowledge of their calling and an ambition to make a success of whatever line of agriculture they may be engaged in. These courses have proved very interesting and there are over 200 enrolled for the work.

#### THE VALUE OF LIME.

We are testing out at about twenty-five different points in the state the value of agricultural lime on different soils. Owing to the activity of some of our lime and marl companies and the claims made by them in their advertising, we have received a great many inquiries as to the value of lime for New Hampshire soils. Not wishing to depend entirely upon the results obtained on the Experiment Station farm, we are endeavoring to test out the effect of lime at as many different points in the state as conditions will permit.

We have touched upon some of the different lines of extension activities that are now being conducted by the New Hampshire College and Experiment Station. We sincerely hope that our efforts along extension lines will merit the confidence of the citizens of the state and be of real value in the better development of New Hampshire agriculture.

## SOME EXTENSION WORK THAT SHOULD BE TAKEN UP.

There are many other lines of extension service that could be taken up to advantage, and that would be of real service in stimulating an interest in, and helping to, develop some of the latest agricultural possibilities of the state. These extensions of the service should be taken up as soon as means and facilities are provided.

## BOYS' AND GIRLS' CLUBS.

Boys' and Girls' Clubs have been accomplishing some excellent results in other states. We have about sixty thousand boys and girls between the age of five and sixteen years of age in the state, many of them from the farm, and we believe that it would be possible through a properly organized effort to interest them more thoroughly in rural life, and teach them to see more than the everyday drudgery of farm life. Such work would help them to recognize more of the possibilities that are lying dormant on every hand, and more fully appreciate the farm homestead and all that it represents.

## COMMUNITY IMPROVEMENT.

We receive many letters from people who have come into our state and built summer homes, complaining because they cannot obtain in their neighborhood a sufficient supply of farm produce to meet the demands of their table. We are asked to assist in helping to correct these conditions. If we had some one available to send out for such work, there is no question but what some progress could be made along this line that would help such communities, and please our adopted citizens. Much might be accomplished through community coöperative effort in buying and selling.

## SOME RESULTS THAT MAY BE EXPECTED FROM EXTENSION WORK.

Extension work has accomplished in many states wonderful results in agricultural advancement, and we have

every reason to believe that the extension work which is under way at New Hampshire College will be a most potent factor in the future development of the resources of the state, including the beautifying, healthfulness, conveniences, comforts, and general welfare of country life.

New Hampshire is a small state and contains much rough land. Only about 56.2 per cent of the area of the state is included in farms; of this area only 28.6 per cent or 16.1 per cent of the area of the state is cultivated land. Such a condition practically confines farm operations to small areas. Hence intensive agriculture should be practised, and every acre of tillage land in the state should be made to produce its maximum yield.

New Hampshire has already demonstrated that in so far as acre yields are concerned she has a creditable record. But in spite of such a good showing the New Hampshire farmers have scarcely touched the possibilities of their land. The future development of New Hampshire agriculture will deal more than ever with more intelligent and scientific management of soils and live stock.

Not only will more intensive methods prevail, but farming will be carried on on a more extensive scale, and more along business lines than in the past. Extension work should play a very important part in helping to bring about a more desirable agricultural condition in the state, and assist in bringing New Hampshire agriculture more truly into its rightful heritage.

## CROP ROTATION FOR THE DAIRY FARM

BY H. O. DANIELS, MIDDLETOWN, CONN.

It was with a great deal of pleasure I received a request from your secretary, the Hon. N. J. Bachelder of national reputation, to whom we all look up as the ideal exponent of progressive agriculture and grange influence, to come to you and talk with you for a few brief moments on matters pertaining to dairy farming.

My opportunities for comparing your conditions up here in New Hampshire with those of my native state have been very brief, as this is my first trip into your state except a short cut across the southern border one day last summer, when I was making an auto trip with a friend. I suppose your climatic conditions are a little different from mine, yet I find New England has the ability to change her climate from one section to another at will, and possibly the crops we grow in Connecticut for feeding our dairy cows are grown as well, if not better, by your good dairymen up here in New Hampshire.

I presume you have long adopted the silo as a very necessary part of the equipment needed in conducting a dairy farm, and doubtless you are growing large crops of corn, clover, oats, rye and wheat for feeding your cattle. It is with this hope in mind I am glad to talk with you upon a system which we term crop rotation for the dairy farm.

Briefly speaking, we are practising at Millbrook Farm a three-year rotation system, which consists first of corn followed by oats and clover or rye or wheat and clover, and then clover, after which corn begins again, and this method is practised on all of our tillable fields in succession which are suitable for growing corn, with the result that we are producing more tons of feed, such as ensilage and hay, with our farm conducted in this way, than we formerly did when we grew more acres of corn and less of the protein crops. As we are operating a farm for dairy purposes solely, without any other marketable crop, we grow only ensilage and hay, and feed it all out on the farm, and as we are feeding over 100 head of cattle, 60 of which are milking cows, the rest young stock raised to maintain the herd, and as we produce all the roughage to feed this herd during the winter season, and the milking cows in the summer season, on 72 acres of tillable land, perhaps it may interest some of you as to our methods somewhat in detail.

Beginning some twenty-four years ago to make milk for the city market at Middletown on a farm we acquired by



inheritance from my father, my brother and I found it a very difficult matter to produce roughage enough in these earlier years to feed more than six or eight cows and three horses, and we were obliged to look about to see if we could get some hay from other farms to help out in our winter feeding. We used to cut hay on shares from one or two farms, receiving two fifths of the crop for ourselves, and putting the balance, or three fifths, into the barn of the owner of the crop; but in every case where we could secure hay in this manner the crop was usually very light, seldom cutting over one half to one ton of hay per acre, and as we could not secure this hay very near home, and were obliged to make long days and rather poor pay, we were forced to study the possibilities in the fields we had inherited.

We found if we purchased fertilizer we could grow pretty good crops of corn on some of the best land we had. About the fourth year after we began our work on this farm, we were invited by some of our progressive friends to attend the annual meeting of the State Dairymen's Association, where we heard of the wonderful possibilities of the silo as a means of storing the corn crop for winter feeding. The next season we had the good fortune to visit the farm of Mr. T. A. Stanley of New Britain, where we found him feeding some of the corn ensilage we had heard about the winter before, and so great was the impression it made upon us that before another year had rolled away we were the proud possessors of a 65-ton silo, built in one corner of our hay barn, 11 feet square and 26 feet high, which we filled nearly full that season with the corn raised on six acres.

Of course we were the laughing stock of some of our neighbors, and we were advised that we would have a good-sized pile of manure next spring anyway to carry out of this silo in place of such a good corn crop, if we didn't have anything else, but we are happy to say we proved, both in the condition of our herd of cows, which came out sleek

and smooth that spring, and in the sale of milk, we were on the right track for feeding our herd. This experience and the increase of our herd caused us to build a second silo the following year of the same size, which for the next three years supplied our needs for ensilage.

About this time we built a private creamery to handle our milk, which we began to furnish in glass bottles, and we also bought milk of some of our neighbors to make into butter at this creamery. This also led us to keep a larger herd of cows, which necessitated more silo room, which we provided by building the first circular brick silo ever seen in that township, which held 200 tons, being made 20 feet in diameter and 30 feet high. As we were keeping a herd of 35 to 40 cows at that time, we were again obliged to buy standing grass or cornstalks of our neighbors to supplement the food produced on our own farm to feed this large herd of cows.

Our farm in the beginning, or the home farm, comprised only about 20 acres of tillable land, much of which was full of stones, very wet and springy, not wholly adapted to growing corn, so we purchased a farm half a mile away that came for sale on the death of the owner, which we used as far as the fields were tillable to help out in growing our ensilage crop. As the demands for our milk still further increased, and as more cows were needed to meet this demand, we began to study reclaiming some of the swamp lands, digging ditches, plowing and fitting the fields, a description of which in detail would be too long for this paper, but suffice it to say we found, after many mistakes and failures, we were limited to only about 35 acres of our tillable land, which we organized after much hard labor as suitable for growing corn, and the balance of tillable land, or 37 acres, is adapted for growing hay, making up our 72 acres of farm.

The necessity for growing more and more corn for ensilage continued until we had the whole 35 acres of cultivatable land in corn, which we grew year after year until

four or five years ago, when we learned a better way and adopted the system of a crop rotation. We had never seen any other crop but corn harvested through the use of the silo, but in the summer of 1906 we saw for the first time, at the farm of Thomas Holt of Southington, where a field meeting was being held by the Dairymen's Association, some oat and clover silage, which he was feeding, and after seeing with what relish his cows ate this silage, and viewing the magnificent second crop of clover growing where this crop of oats and clover were cut hardly a month earlier in the season, and on being told by friend Holt there was no patent on this method, we were led to adopt the growing of oats and clover for filling one of our silos in summer to feed during the short pasture season. This in turn has led us to study still further the possibility of the clover plant, which has resulted in growing less acreage of corn and substituting oats and clover as part of the crop for filling our silos.

With the experience gained in this way we quickly changed from a long time successive planting of corn year after year in each field until today we devote less than half of the original 35 acres to the growing of corn and grow only 17 to 18 acres of corn each year, part of which is planted after a clover crop is harvested for ensilage and the fields are rotated in this way.

If the corn crop occupies 17 or 18 acres in one year, the next year 12 to 15 acres is either sown to rye or wheat, after the corn is harvested in the fall, and the following spring clover seed is sown and harrowed in, or else part is sown in this way and part to oats, with clover the next spring, while the corn crop is grown on a clover sod that furnished a large crop of clover ensilage and one or two crops of rowen the season previous, which, as you will readily see, resolves itself into a three-year rotation of first, corn, next, oats or rye, and then back to corn again. We have found a seeding of two bushels of oats with seven or eight quarts of red clover and two or three quarts of

timothy seed, or one fourth bushel rye or wheat, makes an ideal seeding for harvesting for ensilage.

In filling the summer silo, we cut into the silo three loads of clover to one of rye or wheat, the clover being grown on a field sown the year previous. We cut with mower, load with hay loader and cart to cutter, cutting in one half inch lengths. Since practising this rotation we have still further increased our silo capacity, building up the large silo to 36 feet in height and also building another one of brick and cement 16 feet in diameter and 31 feet high, holding 130 tons, so that our two silos today hold 375 tons, and as we fill the smaller one with clover, etc., in June, we harvest about 450 tons of ensilage each year.

Our practice is to spread 20 loads of manure with spreader to acre for corn, one half ton lime per acre the next year on the oat and clover field when sowing to oats, or the same amount of lime if sown to rye and wheat and clover, and ten loads of manure on the last or second year of the clover growing. With this application of 30 loads of manure and one half ton of lime during the three years the crops are grown on these fields, we are sure the fields are becoming more and more productive each time we go across them, as we are now making the second cycle in our rotation.

The long roots of the clover plant bring back for the use of the corn crop what was lost before, and with the added gain of nitrogen that the clover has the power of accumulating from the air, is it any wonder this crop rotation produces more food on this 35 acres than was ever possible with a continued growing of corn.

By growing the large variety of ensilage corn known as Eureka, which produces with us in a favorable season 25 tons or more of ensilage to the acre, and by increasing our herd to the full capacity of our farm, and by making manure enough each year to cover every acre of tillable soil on our farm, we are producing over 450 tons of ensilage and 125 tons of hay on our 72 acres, where 20 years ago I

am sure it could be said not 35 tons of hay were grown in a single season.

In treating our permanent hay fields, which we have found necessary to grow hay continually on account of the water level in these fields, we maintain by spreading 10 loads of manure every fall or during the winter, and then we go over them as early in the spring as the field will bear the weight of the horses with the cutaway harrow set at a sharp angle, cutting the field all up, going in half lap lengthwise and diagonally across the field, and then every alternate year we sow clover and grass seed at the rate of two or three quarts of red clover, one quart of alsike, and two or three quarts of redtop and timothy mixed to the acre.

This seed is sown after cutting up the sod with the cutaway harrow, after which we rake in with a heavy weeder and roll. In treating the sod in this way new life and activity is created in the old grass plant, which throws up new shoots, and with the action of the harrow letting the manure down to the roots of the grass, and letting in sunlight and air, the seed quickly germinates and grows so that at the time of harvesting the hay crop a magnificent growth of grass has come from the old plants, while the newer growth is thick at the bottom, ready to come on and grow for a good second crop, creating a strong, active, springy sod, and which I believe can be maintained very successfully for a long series of years at a minimum of expense and a maximum of results.

As nearly every dairy farm has some fields adapted to growing only hay, while other fields can grow corn and oats successfully, I think this crop rotation system can be adapted to a greater range of location than most any other system.

It has eliminated the long, laborious system of successive plantings of different crops, and the costly time required to cut and cart to the stable the green soiling crops which we used to handle in our earlier experience of feeding cows, making a much more economical system of planting and



harvesting, and as our milk records show, more productive results, for it a well-known fact to all ensilage feeders that a well-grown and cured ensilage, that is, ensilage that has cured in the silo, is more acceptable and will give greater returns in the making of milk than will the corn or clover cut and fed green from the field.

For the past fourteen years we have kept a record of every cow's milk production, and almost invariably the cows have shrunk in milk when the silo was first filled either with corn or clover; yet, after a few weeks, usually three or four, the milk would increase, and we attribute this increase to the feed being more readily assimilated by the animal, being in a more concentrated digestible condition. If the larger growing variety of corn is not acceptable to your climate, I would grow the quicker-growing variety, such as *Pride of the North* or *Leaming*, or possibly it would be necessary to grow even earlier varieties; but in any case let us grow as large crops as we can, feeding our farm as well as our herds. By good tillage we are able to prevent weeds from growing to seed, and with the lessened area of tilled or cultivated land in this system, as compared with the old system of growing green soiling crops, we have a seasonable time for doing all our work.

If you can grow alfalfa successfully up here in New Hampshire, as Mr. Joe Wing of Ohio claims can be done anywhere in our country, if we do our part to make the conditions right, we have still another opportunity to get a splendid ensilage as well as hay crop. We cut our first crop of alfalfa into the silo the same as the clover, but as alfalfa is comparatively new with us we have not increased our acreage to the extent we hope to do in the near future.

We are working at the present time some of our hillside pastures, fitting the soil for the alfalfa plant, and we expect soon to be in position to save some of the costly grain we find necessary to feed at present.

In conclusion let me say, do not forget to secure good cows, either by careful selection and purchase, or, better



yet, by careful breeding, as I believe the good dairyman needs to raise his own cows to get the best results; and when we have done all these things, I believe we shall be able to interest the farm-born boy and girl in our work, so that when the summons comes to us to leave our work, we shall have worthy representatives to follow our calling and achieve results that will be in keeping with the day and generation in which they live.

## OLD AND NEW AGRICULTURE.

BY GEORGE S. LADD, STURBRIDGE, MASS.

I am glad to meet you and to share with you the knowledge that is to be gained from the addresses of the gentlemen who have made so deep a study of all the farm conditions—the shortcomings as well as the rewards of agriculture.

The old farmer was a man who took little account of the cost of production so far as it related to impoverishment of his soil or the depletion of his forests.

I want to say at the beginning that we as citizens of America, and the farmers especially, owe a debt of gratitude to the farmers of the past, for never in the same length of time has any like body of men performed such wonderful things as have the farmers of this country since the Pilgrims landed on the shores of eastern Massachusetts. They were all farmers then, and for a good many years thereafter, and it has always been the farmers who have done the first rugged work to subdue a new country. That is one reason why they were so wasteful; they knew when their soil and forests were exhausted there was a wealth of land to the westward; and as I said before they have built the most wonderful nation, with its great cities and towns, that has ever been builded by men and women in the same number of years since the birth of time. Had those old farmers of the past, instead of robbing the soil and depleting the forests and sending the money thus obtained

out into ventures and mines in the great West, the larger proportion of which was lost, as far as they were concerned—had they but used this money for building up the industries and developing the water power and turned it back into all lines of agriculture, New England of today would be only second to that land that we read of in the Good Old Book, the Garden of Eden.

That farmer of old was careless as to the comforts, conveniences and labor-saving appliances of the farm-home, and I wish even today that a larger proportion of the farmers were thoughtful in regard to those things that really make life on the farm worth the living.

There is no reason why the man who works for weekly wages in towns and cities should have that home for which he pays rent any better equipped with the sanitary conveniences—hot and cold water, light and heat, than those who live on the farm and help to produce the wealth of the world. And yet even with all the conveniences that I have spoken about on the farm, there is something else that has to be done before the boys and girls are going to be willing to make agriculture their life's work. There must be enacted, both state and national, such laws as will make the farm as profitable as any other business, taking into consideration capital invested, people employed and the same energy of hand and brain.

Last evening Dr. Twitchell asked the question in regard to the rights of the producer in the consumer's dollar. I do not believe in socialism, and yet I do believe that we as farmers have not only got to ask that question as to the products of the farm, but also as regards the products of the mills and factories, and it seems to me that possibly the farmers of this country—that great class of people that are capitalists as well as employers of labor—will have to decide the question of enacting just laws that shall give to the owners of the mill, factory and other great enterprises of this country what rightfully belongs to them, and also to the millions of toilers in these industries their rightful share in the consumer's dollar.

My reason for this is that the owners of these great enterprises are apt to be biased a trifle in what they believe to be their share in those industries, as well as the great consuming public to pay them dividends on the watered stock and bonds that were never honestly paid for as far as money was actually put into those industries.

On the other hand, we have found that some leaders of the great labor organizations have been unjust in their demands, not only with the owners of these great industries but also with the great army of toilers who have to work with their hands for their daily bread.

The agricultural speakers and the agricultural colleges have been telling the farmers that the new farmer and the new agriculture was going to produce at least double, and in some instances ten and twenty-fold, what the acres were now producing. I want to say to you as farmers that I believe the new farmer is going to do the same as other business men do. You have not a manufacturer in New Hampshire, or a combination of manufacturers, that were making, for instance, carriages and wagons or agricultural implements and knew that the demand for the year 1912 was going to be, for illustration, 100,00 carriages or agricultural tools, that would think for a minute of manufacturing 200,00 of them and throwing them on the market that only needed 100,000, thereby ruining their market and bankrupting themselves. The new farmer is going to study more closely the needs of the markets and produce what can be sold at a reasonable profit to himself for capital and labor used in the production of those products.

In the last few years we have seen great activity on the part of such men as James J. Hill, president of that great system of railroads in our western country, and also the presidents and vice-presidents of the railroads in the Middle West, and even New England, trying to point out the way to the farmers to increase the production of agricultural products. I think it would have been of more material benefit to all the people if these men had spent the same

energy and as many thousands of dollars in working out a more equitable basis of transportation of all commodities over their respective railroads. It is certain that there could be a system that would greatly lessen the cost of transporting the products of the farm and the factory to the places where they were to be used at a great saving to the consumers.

And as farmers believing in the new agriculture, we would say to the managers of the great transportation companies that we will be able to produce from the farms of this country enough to take care of the increasing population with reasonable transportation rates, and in the future we shall insist that we have a rightful share in what the harvest yields.

The farmer of the future is going to be interested in better schools, better churches, better roads, is going to see that less money is appropriated for war and destruction—more for building up great constructive policies, state and national, for the good of all the people.

This morning we had a good illustration of what the new farmer is going to be when we visited that beautiful farm-home right in your own town, and saw that wonderful herd of cows, and I want to tell you that I have visited farms from Maine to California and have never seen 25 better cows in line in one stable. You as farmers ought to be proud of the progress made by this farmer right in your own community. In every other line of agriculture there are men who are doing in their respective lines what this farmer is doing for the dairy.

I was glad to hear the gentleman from Connecticut say that they were paying the boys and girls for work performed—that is the right way, because too many times it is the boy's or girl's pet calf or colt, and dad's steer or horse when the time comes to sell. Money received in this way costs the one who receives it too much; make the boys and girls your co-workers and they will be more likely to stay on the farm.

The new farmer will believe that he ought to leave his farm for the future generation a little better equipped in fertility and natural resources and the conserving of the timber land than did the farmer of the long ago. It is better for the states of New Hampshire and Massachusetts, and every other state in this Union, that they should have from 20,000 to 40,000 farmers owning from 20 to 100 acres of timber land than even your great White Mountain Reservation or our great park in western Massachusetts, owned by a New York millionaire.

\* THE RIGHTS OF THE PRODUCER IN THE  
CONSUMER'S DOLLAR.

BY DR. G. M. TWITCHELL, AUBURN, MAINE.

History is making rapidly, and no man feels the jolt more forcibly than the observing, thinking worker on the farm. Old-time conceptions and standards have been shattered and new and complex relations force themselves in the path of the average man. Competition, which was once considered the life of trade, is now a thing of the past, and the gentlemanly agreement faces buyer and seller.

So thoroughly are all the avenues of trade organized that in most remote sections we touch great combinations and feel the force of that old-time saying that "in union there is strength." In the rapid increase of urban population there has necessarily followed a division and subdivision of channels of trade and a multiplication of hands through which, under old-time methods, products must pass to reach the consumer. Naturally these hands are sufficiently mucilaginous to catch and hold some portion, to the loss of the producer and burden of the consumer. Inevitably the chief point of attack has been along the line of least resistance, and the power of a combination or corporation against individual units has given a control intensely oppressive and steadily increasing. Thus the

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farmer has been the greater sufferer. All the while, it will be well to remember that these mills, factories, corporations and combinations produce nothing. It is their province to change the character or form of crude products, and thereby add to their value and the service they may render. In attempting these transformations there has resulted a perfectly natural state of affairs, the close banding together of all factors for the purchase, change and disposal of products. The generic principle at the root of these combinations cannot be called in question. It is when they reach out and assume to oppress, or dictate, trade conditions, arbitrarily check competition and close avenues for the disposal of products by individuals that they become a menace and must be controlled by law. As the producer stands as an individual unit he naturally receives the full force of this combined influence and suffers thereby.

Between the man who produces and he who consumes there is a broad chasm into which falls sixty-five cents out of every dollar paid by the consumer. This acts and reacts to the loss of the man who produces, in that the consumer naturally charges extortion and high prices back to the farmer. The injustice of this perfectly natural charge is apparent to those who are at all familiar with the situation, but not as easily discerned by the artisan who is so vitally concerned with the problem of the high cost of living. Intentionally or otherwise, this class receives the impression that the farmer is fattening out of its earnings, and that responsibility for the high price of any commodity is to be charged entirely to the man who produces. It should be obligatory upon every man interested in the future development of agriculture, to keep constantly before the mind of the consumer the fact that today there is an increasing number of corporations and individuals standing with open palms, of liberal dimensions, on the middle ground, demanding full share of the toll. It is folly to charge responsibility to any one factor. It may be true, as



a western railway official declared, that "the rate upon any farm product is what the industry will stand," but we must bear in mind that very often truckage per package one half mile exceeds transportation two hundred miles, and that other representatives claim twenty-five to one hundred per cent as their share. For this reason there should always be careful investigation before any discrimination can justly be made, surely before one can assume to cry extortion on the part of any one agent. We meet here the outgrowth of a condition now oppressive, but the remedy will be found not in abuse or recrimination, but in a study of the steps leading to the present situation.

The fact is, the consumer is very largely responsible for the present range of prices. The corporations or individuals standing between the producer and consumer have taken advantage of an entirely faulty position and grown exacting with acquired power. Our present habits of purchase of daily supplies in minute quantities, insisting always upon delivery of every item, materially increases expenses.

Instead of providing a winter's supply as formerly, we now buy by the half or quarter pound, or pint. The iniquitous practice of purchasing only one day's supply has given opportunity and excuse for oppressive charges. Thus, in New York, when potatoes sold for 75 cents per bushel, those buying one pound at a time were paying \$4.20. The potatoes for which consumers paid \$60,000,000 last year in New York, netted the farmers less than \$8,500,000. Cabbages which sold for \$9,125,000 brought the farmers \$1,800,000, and milk which sold to consumers for from \$48,000,000 to \$49,000,000 brought the farmers \$23,000,000.

Eliminate the necessary increase caused by this practice of purchasing in pound and half-pound quantities or less, and we still have a chasm of tremendous proportions to be bridged. Our five-pound package of buckwheat, for which we pay 25 cents, means \$2.75 for what the farmer sells for \$1.00. Cracked wheat sells for five cents per pound, while the farmer gets 70 to 90 cents per bushel of 56 pounds.

A wholesale dealer in New York sends the following statement to the *New York Times*, showing the difference between wholesale and retail prices for one week in early spring:

## QUOTED PRICES.

## WHOLESALE PRICES.

Strawberries, 20c to 40c a box.	Strawberries, wholesale, 6c to 10c; Jerseys, 7c to 10c per quart; Delaware, Md., and Virginia, 6c to 9c; Norfolk, fancy, 7c to 8c.
Apples, \$1.50 per doz., New-town and Arkansas Black.	Apples, \$3.25 per box, 7 to 19 dozen to the box.
Asparagus, 20c to 40c per bunch.	Asparagus, \$1.25 to \$2.50 per dozen.
Spinach, 20c per half peck.	Spinach, 30c to 60c per barrel, 24 half pecks to the barrel.
Green Cabbage, 10c each.	Green Cabbage, 25c to \$1.25 per barrel or crate of 50 to 60 cabbages.
Tomatoes, 25c per lb.	Tomatoes, \$1.75 to \$2.00 per crate, 24 pounds to the crate.
Cucumbers, 10c each.	Cucumbers, \$1.00 to \$1.50 per basket, 60 to 100 cucumbers.
Eggplants, 15c apiece.	Eggplants, \$1.50 to \$2.50 per crate, 50 to 60 eggplants.
Cauliflower, 25c each.	Cauliflower, \$1 to \$1.75 per half barrel, about 30 cauliflowers.
Rhubarb, 3 bunches for 10c.	Rhubarb, \$1 per 100 bunches.
Bermuda and Florida new potatoes, 15c a quart.	Bermuda and Florida new potatoes, \$2 to \$4 per barrel, about 80 qts. or 2½ bushels.

These "wholesale" figures do not represent what the farmers and gardeners received. Out of these prices must come freight and expressage, cartage and commission, assuming that returns were made on the actual sales at these "wholesale" prices.

"Last summer an Indiana farmer delivered 1,600 watermelons in a car for \$14, a little less than one cent apiece. For these same watermelons we paid here in the market in

Iron River 50 cents apiece," says a Michigan writer in *Rural New Yorker*.

It is not necessary to multiply illustrations or go far from home to find the same, for the conditions are general. Through the workings of this gentlemen's agreement many of our retailers dare not purchase from farmers, but must receive supplies through wholesalers or the commission dealers. The claim is made that business is simplified and a regular supply made dependable, which is doubtless the case, but what shall we say for the man without whom there could be no supply? His rights are totally ignored, and he has no position in the chain of recipients fattening on his labor.

With these facts becoming more and more oppressive yearly, with the grower a silent factor in the transaction, his privilege being simply to take all the chances of drouth or flood, heat or frost, to combat all the host of pests and diseases, and finally turn his crop over to accept what somebody else is willing to pay, less the total of a surprisingly long list of items of expense, there can hardly be incentive for increase of crop production.

In the face of this situation, the President of the United States, and a host of others, have been preaching the gospel of conservation of fertility by which crop production might be so easily and quickly increased.

President Taft says: "The way in which the states can help to meet future increased demand is by investigation and research into the science of agriculture, and by giving to the farming community a knowledge which shall enable them better to develop the soil, and by educating those who are coming into the profession of farming. It is now almost a learned profession."

"The first great step that has to be taken in reformed agriculture is the conservation of the soil."

Granting that we have been soil robbers for two or more centuries; granted that the conservation of fertility is of great importance, you can never stop the robbing, or

increase crop production until there is an incentive. This attempt to throw all the responsibility for high prices and threatened shortage upon the producer is wholly unjust and a positive hindrance to agricultural development.

Cease this tirade against the farmers and improvement will follow. Help correct conditions and put the producer in closer touch with the consumer, and an incentive will be found at once operative and effective. There are robbers in the field outside of those who rob the soil, and if they work under the sanction of law, they surely creep close to the border. Give us a rest from this wearisome cry of the farmers' obligations, no matter what its source, and help boost where he may realize sixty-five instead of thirty-five cents of the dollar paid. Instead of expending thousands of dollars to furnish an object lesson in crop production, let the railroads make as fair a rate on farm products going to market as on manufactured products shipped in or out of the state. All the incentive necessary for increase will come naturally when this injustice is removed, yet it is but a single factor in the case.

A leading scientific authority, in a recent address in New York on High Farming and Low Prices, set forth a scheme for raising twice as much corn per acre. Thus Iowa, in a banner year grew 340,000,000 bushels, which sold for 38 cents. The next year the crop was 270,000,000 and the price fifty-five cents. Now, if production could be lifted to five hundred million bushels the price would drop to 20 cents or less. The bigger the crop, the less the growers realize. Important as increased production per acre is we must bear in mind that high farming is never a remedy for extreme prices. The tariff board in its recent valuable report, in commenting on a \$23.00 suit of clothes, says that the farmer receives 68 cents profit on the wool required, a per cent in actual practice to be cut one half, the manufacturer 23 cents, the wholesaler \$2.18, and the retailer \$6.50. What incentive can there be to raise wool with these facts staring us in the face?

When by any method the rights of the producer are recognized, and he is insured a fair net return for what he produces, the New England farmer will at once respond, and the maximum production per acre or animal will be the objective point with every worker. What he needs most today is not object lessons in cropping, but equalization of burdens in disposal of surplus farm products. He wants only his rightful share of the consumers' dollar.

Improvement comes always through enthusiasm, not force, and to insure this there must be the certainty of recognition not now accorded. We must have an impelling attraction to lead out into the field so clearly outlined by the host of speakers who view the situation wholly from the standpoint of the consumer or dealer, never from that of the farmer. Give the producer a living share in the consumer's dollar and a new life would be injected into the whole agricultural problem.

The question is not alone what does the producer get per pound, per quart, or per bushel, but what proportion does he get of what the consumer pays. While he struggles to grow the crops and make the products, denying himself that he may live, there is before him continually the certainty that his share in every dollar paid by the consumer for what he grows is less than thirty-five cents. Let the President and the railroad magnates, who are so frank in lecturing the farmer about increasing volume per acre, assist in increasing cash per acre, and the furrows would multiply and harvests increase.

The greatest obstacle encountered by the student, thinker, or worker today in the agricultural field is this combination of factors which stand between the producer and consumer, a combination united, powerful and exacting. The greatest hindrance is this fact. It has not come in a day, but has been the growth of years, and its avenues of control are extending over rural life yearly. It closes cold storage plants when growers decline to sell. It unloads upon the market to break prices. It stops factories to check



volume, and the grower is helpless because there is no competition. When producers attempt to organize for self-protection to insure a living price for any commodity, the cry of restraint of trade is at once heard and injunctions issue promptly from our courts. With public speakers and the press so prompt in placing emphasis upon the importance of lifting production per acre, or animal, to provide the food of support for our rapidly increasing population, while trade combinations are extending their power to check protection for the grower, the farmer is between the upper and nether millstones.

I do not stand here with any thought of solving this great problem, but simply to suggest what seems natural and inevitable, if any change is to be affected. As this condition we deplore has become possible through confidence man with man, so must the remedy be reached. Combination must meet combination, and that this may be possible, confidence must first be established throughout rural sections. The conservatism of rural life and habits of isolation have inevitably strengthened the spirit of self reliance and weakened that of dependence upon others. A sarcastic old farmer declared that the average man on a farm would rather lose one dollar than see his neighbor make two. This spirit is the first to be removed before coöperative work, the only apparent solution of the problem, can be attempted. I am not here as a socialist to discuss this problem, but as a worker in the field, noting something of the drift and conscious in part at least of the power of organization reached through corporations, there is, to my mind, no other solution.

"The Pennsylvania State Grange has become a factor in this work in the hope of developing a means by which the farmers may secure adequate returns for their products and the consumers may receive the things they are compelled to buy at prices that are fair and right.

"In our study of coöperation we have reached the conviction that the high cost of living is due to the great waste



in distribution of farm products. This is a fact that permits of no dispute. It is a great business undertaking. We cannot guarantee its success, but we can have faith."

Those standing between the producer and the consumer must be eliminated. If the individual can work out his problem, well and good. A few have done this because of location or by making their products so attractive that consumers break from the regular channels of trade and touch elbows direct with the producer. Not every man can do this. It cannot be forced but must come as a result of keen appreciation of the consumer's fancy and how to satisfy the same. The great majority must, of necessity, turn their surplus into regular channels unless some other is provided at their doors. The most direct and effective pathway lies through some coöperative movement, but this is possible only when, as in the case of the so-called trusts, individual identity is merged in the corporate body.

In California, when the burden became too oppressive, the fruit growers came together and formed their association, turning their products into the hands of one man, under whose direction sorting, packing and marketing was completed, the grower being known only by number. The result has been prosperity and enthusiasm for increased production. In my own city of 15,000, there are 40 or more teams delivering milk every day. On the street where I reside, within a distance of less than one half mile, 15 teams drive daily. Could this milk be delivered at one station, eight, or at most ten, teams would cover the city easily. The volume somewhat exceeds 5,000 quarts daily, and farmers drive from two to six miles, those farthest away starting at four A. M. or earlier. To suggest uniting this product and its distribution by one representative of the producers would today be a hazardous step. There's a good sized chip on the shoulder of the average American farmer; we call it "personal liberty," "the right to do as I please under the law." This chip is the rock of offense. Other industrial interests have united to cut expenses, why

should not the farmer? If the milkmen of my city should unite as they might, and through an agent and his assistants, deliver the daily supply, the net saving would exceed one cent per quart, \$50.00 per day, while every milk man would save from five to nine hours daily, himself and horse, beside the wear and tear of vehicles, harnesses, utensils, etc., etc. If railroads must unite to cut expenses of administration, if corporations must merge that more economy be enforced, if all the business of this nation is to be conducted through union of forces, how long can the producer of farm products contend with his neighbor in the disposal of same? The trend of the age is towards concentration, the saving possible by uniting. So long as farmers refuse to follow this path, so long will they, as individuals, be at the mercy of contending forces.

There is a tremendous loss yearly to the individual resulting from failure to so organize his work as to make the most of every hour. The successful manufacturer feels the necessity for this and in every way possible seeks to perfect some system to reduce cost of manufacturing. Some day this will extend to the farm and then we will realize the loss because of disorganized methods. We lose for lack of a system of rotation, because acres under the plow are not contiguous, in the waste resulting from method of handling dressing, from failure to keep daily record of production per cow or test for per cent of fat; we lose by misapplication of plant food as well as by failure to apply in right quantities or at the right time; we lose by not conserving moisture in the soil; a good dust mulch is a safeguard against drouth, yet we fail to realize its saving power. More than all do we lose because of failure to systematize our work, or by reason of clinging to old-time methods and practices obsolete under present existing conditions. All these problems are in our hands to be corrected in harmony with the demands of 1912, and correcting these, our share in the consumer's dollar will increase because cost of production has been reduced. It is

1912 which confronts us, and what was good enough for our fathers is not good enough for us. What was good enough in 1911 is not enough. It is time we faced forward towards the hills whence cometh our strength. Get out of the ruts. Get away from all bad practices and start right today for future results.

"England, the United States and the rest of the world should turn to Denmark as an object lesson. Denmark can teach the whole world the benefits of coöperation, and the value of scientific education as applied to land. It is a small country and some time back it was confronted with an agricultural crisis which would have been fatal had it not been met in the right way. Then was evolved and subsequently perfected a great coöperative system, under which Denmark attained a remarkable prosperity, considering its size and climate. One has but to look at its exports of agricultural products—eggs, butter, bacon, pork, etc.—to realize this. It is preëminently a country of the small man. There are only a few more than 800 holdings of over 540 acres each as against 116,000 odd holdings of  $7\frac{1}{4}$  acres or under each."

There is at Freehold, N. J., a marked illustration of what practical coöperation will do, the business the past year amounting to \$1,499,500; all this upon a capital stock of \$74,285, representing 1,049 members, the shares having a par value of \$5.00. Twenty-five loading stations are operated, all controlled by the head office through telephone communication.

We have in Maine a marked illustration in the Houlton Grange store, established in 1895, simply for the purchase of fertilizer, grain and groceries by the members. In 1900, the store was kept open every Saturday afternoon. It had goods there to the amount of \$492.57, cash \$103.11, and liabilities \$569.56, or net profit of \$32.90. In 1911, the business exceeded \$200,000, with a large balance to the good, complete equipment, and a thoroughly organized business, the net increase with all bills paid being in excess of

\$25,000.00 These isolated cases indicate what might be general, to the greater profit of the individual producer, affording a direct avenue for the disposal of his supplies with cost of same minimized.

Before a radical change can come and new conditions be established, we must fix a standard of quality and a type of product most economical for producer and consumer. "What pleases the eye satisfies the palate," says another, but we must get behind the mere show of products in some attractive form and study the problem of producing in like type a larger volume.

The half peck, peck and half bushel carton is sure to come into general use with growers, affording a neat and attractive as well as convenient method of disposing of farm crops, as the box and basket of varying size will become familiar in handling fruit. That these may satisfy there must come a critical grading to size, and this will necessitate a study of production that greater uniformity may be insured. The potato growers of Aroostook have found by narrowing space between rows and in the rows, increasing the seed supply per acre from 12 to 17 bushels, and using uniform seed, not large, that the overgrown specimens disappear. If the great restaurants of Boston pay an increased price for graded potatoes, it is because they are more economical, and if that be true with them, it surely will soon be with individuals. What is true with potatoes holds with all farm products. The neatness and attractiveness of the package determines demand and price. The day has gone for the slovenly cart and unkempt driver to find a place except through the commission house or wholesale dealer. We have entered upon an era where the aesthetics are to be counted necessities, not luxuries, and buyers will more and more be influenced by the attractiveness of the package and its contents. It is not to be clean milk alone, but clean vegetables; not alone graded apples, so many to the box, but graded potatoes, beets, carrots, etc., to the end of the chapter, and in this path lies one approach to the consumer's door.

To reach this a campaign of education will be necessary to fix the lesson and make certain the benefits of organized efforts in disposal of farm products. Confidence is a plant of slow growth, but its cultivation is today one of the necessities. When the time comes that positive steps are taken in coöperative work additional benefits will be realized. The farmer is a buyer as well as seller, and to touch directly the base of supplies, and lowest cost prices, necessitates the same organized movement as in selling. Almost limitless is the field suggested, yet it may be occupied by the farmers of any given locality with certainty of financial returns to every one. Are we ready for this forward movement?

The answer must be *No*, for New England farmers have not yet felt the force of adverse circumstances sufficiently to awaken to the necessity for action, and put behind them their personal liberty. Here and there the seed may be sown, local fruit or produce associations formed and made effective. Beyond this there will first be demanded the frank open discussion of the problem as it relates to the individual man or locality, until sympathy is created, interest aroused and definite action insured. The producer holds the key to the whole situation. He grows the food of support..

But, says one, you are introducing complicated problems, and it is true, but tell me, friends, which way you can face today and not meet others as complex. We lose because we take counsel with our fears. I want to press home one thought, that I care not how complex or multiplied these problems may be, there is one fact to which we must cling. That man who thinks as he works will solve every problem. No man has so good an opportunity for consecutive, conservative thought as the farmer. If, as he toils, he will but think, the way will open for intelligent action and necessary steps will be taken.

What was true of California has since been demonstrated in Oregon and Washington, with the fruit growers



of Delaware, Virginia, Georgia or Florida, and the truck farmers of the south. Out of their very necessities they were forced to unite for protection, and in thus shipping, diverting, handling and selling their own products, prices have been realized before impossible, and the key to a live enthusiasm has been found. Goods sold by an association always command higher prices. The association is known, the individual is not known. Think you this holds south of Mason and Dixon's line but bears no relation to farm life in New Hampshire or in Maine? Think you that present conditions can long continue while individuals strive as units for what comes so easily to united forces? This industry has not always been honored by the men who till the acres. What we would have is one thing; what we must have may be quite another. If we are to realize a fair share out of the consumer's dollar, individual methods and long-continued practices must be cast one side and the farmers of a community or section be organized for mutual protection. Relief can come in no other way. You may curb the oppression of big corporations, but you cannot legislate them out of business. Organization must meet organization and individual conceptions, the outgrowth of the years, yield to methods employed by successful bodies today. The problem is not what was, or is, but what *is to be*, and for this we must prepare. In May, 1911, nine neighbors in one of our hill towns met and organized a Fruit Growers' Association and elected one of the number agent, the result being that while all about apple growers have sold their crop this past year for \$1.50 to \$1.75 per barrel, this agent has returned to these members from \$2.45 to \$2.85, net, per barrel for their shipments. More than this, the uniform grade of the pack is so good that buyers are calling for more. There is no patent on this movement. It is as applicable in Conway or Tilton, or west of the mountains, as among the hills of Oxford County, Maine. One dollar per barrel more than their neighbors are getting naturally satisfies and the influence of united effort is not



overlooked. Here is the key to the solution of the problem. Through organization you can reach the consumers direct, and that may be large or small. So strong is my faith, so certain am I that good results will follow, that I want to urge that complaints cease and that here and there a circle of influence be formed to take over, sort, pack, handle and dispose of the product of individual farms. Had the apple growers of the town where I am working out some problems on the land come together this year they would today have been richer by \$25,000. Instead, as glib agents pictured the tremendous crop and glut of fruit, a great many rushed to sell as best they could. The chief obstacle in the way of this movement for protection lies in the necessity for the complete surrender of individuality, in handling or disposing of any product, and the merging of each grower's product with the other. In California one large grower joined the association, but insisted that his packages of fruit should carry his name in addition to that of the association. The result was a regular cut in price for his goods, simply because the association was known and the individual not known.

Coöperation means only the union of those of like interests that more effective results may obtain in meeting adverse interests. If individuals feel the press of united influence, the lesson is to organize, and this is coöperation. The fundamental purpose in all these movements must be to insure more equitable returns for the commodity produced. For coöperation to be possible there must be a common need recognized, a thorough organization perfected and incorporated and funds provided, not for revenue to the members, but to make certain effective business results. If the producer is to minimize the waste between himself and the consumer there must be rigidity in the contract holding each member to the articles of incorporation. The failure, all along the line, of like movements, is to be explained by the go-as-you-please system of organizing seen in every case. Something more is now demanded if permanent success is to be made possible.

There's another step to be emphasized. Justice will not be approached until in every village, town and city, public market places are established at convenient centers, where the grower may display his goods and meet the consumer face to face. The immediate effect of such market places would be manifold.

First, they would insure the grower a better price for the commodity.

Second, they would insure a closer grade and pack and choicer quality.

Third, they would educate consumers to the superiority of fresh-grown farm products, and a critical selection of the same.

Fourth, they would bring producer and consumer face to face and establish friendly relations.

Fifth, they would increase consumption of the healthiest food known.

Sixth, they would inevitably inspire, on the part of the growers, a determination to improve in quality and increase in quantity the crops thus sold.

Seventh, they would lead to a specialization along lines best adapted to the farm and most in demand in the market place.

It is true we have been soil robbers for nearly three hundred years. It is true we have not considered the problem of conservation of soil fertility. It is true that we could, by a very simple process, raise the volume of production per acre or per animal. The marked illustrations standing so boldly in the foreground attest the truth of all this. It is also true that New England agriculture waits a stirring of the waters which will result in a determined forward movement. That day will come, that hour will strike, that enthusiasm for agriculture will be realized when growers of farm products, the real producers of the wealth of the nation, stand united to demand a fair share of the consumer's dollar, and prepared to guarantee the quality of every product sold. Out of these scattered organizations

will come larger, until Greek will meet Greek, the quickening impulse born of honest desire to excel will be felt on our hills and up and down our valleys, and the rejuvenation of New England farm lands become a certainty, with fertility conserved, crop capacity increased and prosperity insured the honest tillers of the soil.

No discussion of this subject can be complete which includes only the financial issues. Complex as are these, there is a moral influence more far reaching. It is not alone our duty to treat superficial but deep-seated symptoms.

The kind of citizenship this nation demands today cannot be built solely upon commercial balances. The great fact meets us that by the system prevailing enervating work is increasing and energizing work diminishing. The commercial problem must first be solved and justice insured the producer of the food of support, but with this there goes the demand for the arousing of the mental powers of workers everywhere. As farm labor drops to the level of the largely automatic labor of the shop, ambition, the key to progress, dies. Improved machinery, multiplied helps, misdirected national, or state, aid, tend to automatic work. Multiply the numbers of those who toil but do not think, and you rapidly increase the dangers and greatly augment the difficulties. Not only the producer's commercial rights are in the balance but his manhood, that which alone can be made supreme by thought and investigation.

First of all there is demanded the removal of the conditions which prevent the growth of enthusiastic research in agricultural work, and the establishment of the *one incentive* necessary to turn the current back from town to country, the fixing of the rights of the producer in the consumer's dollar, and the establishment of the spirit of individual investigation. Behind all this there rises the greater problem of the security and stability of our form of government, now rudely shaken through the breaking down of habits of industry, frugality and independence.

If this nation is to endure, it must be through the sober, consecutive, patriotic life of the country made active for service.

"The drift of country population to the towns and cities, with their many amusements, indulgences of vices and seemingly higher wages," said Mr. Rider Haggard, "is sapping the strength of not only the English but of every white race. It is true that higher wages are to be obtained in the towns by the altogether fit and strong, but on the other hand how many utterly fail and end with their families in complete misery? There certainly is not employment for everybody, and the surroundings are far from healthy.

"This flocking to the towns means the ultimate destruction of the white races if it continues unchecked. We see it now turning the race into a set of neurotic creatures, unfit, at any rate in the second or third generation, to face the realities of existence. It is filling the poorhouses, the asylums and the hospitals. I say, Heaven help the people who mainly dwell in great cities without access to the land. To remain great, a people must be rooted in the land. That is why all wise statesmen, all people who can think and see things in their true proportions should endeavor at any cost to preserve or recreate a large and healthy rural population.

"In my opinion, this is the most important question of our age. The flocking of the land-born to the city has always been preliminary to the destruction of nations.

"This sucking power of the towns," declared Rider Haggard in conclusion, "is a permanent problem confronting civilization. It was so in Rome and it is so today. There is no stability of character to be found in the town-dweller. He is easily carried away by his feelings. We must look to the dwellers on the land for that fixity of character which a country needs to remain great."

Accepting this conclusion what become the obvious duties of those interested directly in rural betterment? To my mind, this wave of hypercriticism against ennobling efforts, this overmastering spirit of indifference to the higher and

enduring issues of life constitute the greatest barrier to true progress, and indicate the specific line of work for the true friend of the home farm and the farm home. Labor when organized upon the basis of might destroys, when united for mutual helpfulness it builds up. In the one case reason is dethroned; in the other, it is made supreme. Not in criticism, not in denying, not in strengthening any of the bonds of unthinking service, but in uniting to quicken manly endeavor, stimulate individual activity, arouse the spirit of mutual helpfulness and promote the consciousness of the true dignity of labor when directed by intelligent thought, is the mission for the leaders of agricultural progress today.

Laboring with this as the one goal of all endeavor, producer and consumer will be brought together, the rights of each established and our institutions made secure, because faith will inspire, hope quicken and brotherly love sweeten the hours of toil and strengthen the spirit of devotion to the highest conception of loyal American manhood.

## PREPARATION OF THE SOIL AND FERTILIZATION FOR CORN AND GRASS.

BY PROF. L. A. CLINTON, STORRS, CONN.

While these two crops resemble each other in belonging to the same family or group of plants and in both being grown for forage purposes, yet for the most part they are quite different from each other. The most of our cultivated grasses are perennial, while corn is an annual. With the grasses all the soil preparation must be given before the seeding of the crop, while with corn, soil work may continue throughout a part of the season of growth. There are no other crops grown in New England which equal these two in value. During the past five years there has been a wonderful increase in interest in the growth of corn. This has in part been due to the effect of the New England Corn Exposition and to the various state corn



expositions which have been held. But in a large measure this has been due to the increased price of grains and to the fact that our New England farms have come to realize that in corn they have their cheapest source of food for farm stock. While we have come to realize the value of the corn crop, we need now a revival of interest in the hay crop. This is too often considered merely as a catch crop, and we do not begin to realize our possibilities for profit in the growth of hay. Thousands of tons of hay are being shipped into New England this winter. This hay is coming from as far distant as Texas, Montana, Utah and Northern Canada, and yet many of our hay fields last year produced less than one half ton to the acre and this same will be true of them next year. There is no crop which we attempt to grow in New England which we have so neglected as this hay crop.

In considering the matter of profits from the growth of crops on the farm itself, the principle of economics is that the profit does not necessarily depend upon the amount taken from one acre, but upon the number of acres of the crop which one man can care for. This fact may make hay one of our most profitable crops even though the net profit per acre may not be more than fifteen or twenty dollars, yet from the large number of acres that one man can care for it may result in more net income than would be secured from many other crops. For the man who has a farm and does not wish to work it to its full extent, and yet wishes to keep it in such condition that it will not lose its producing power, will not be injured by surface erosion, there is no crop which he can grow which will better serve his purpose than hay. This leads us then to consider some of the principles which underlie soil fitting and fertilization for this crop.

The ideal grass land is one which has great power of holding moisture. While with other crops we may by cultivation conserve moisture through the dry season, yet with the hay crop we must depend entirely upon the moisture-



holding power of the soil. This means that the clay or the clay loam or the loam underlaid by clay is the ideal grass land. Not having any of these types of soil mentioned it means that care must be taken to have the soil well fitted with humus, because this humus has wonderful power of holding moisture. Every grass plant must be considered as a pump, and through the leaf of the plant the moisture which is brought from the soil is passing off into the air. Not only must the surface soil be retentive of moisture, but the sub-surface soil should be strong in its capillary power so that moisture may be brought up from the reservoir beneath for the supply of growing plants.

In the growth of all farm crops there is usually one method which is the ideal, but usually there are other methods which closely approach this ideal in efficiency. We shall, therefore, first describe the ideal method in the production of hay and then discuss somewhat other methods which in actual practice may be adopted and may fit into the system of farming even better than the ideal.

The ideal method of soil fitting and seeding for grass is that thorough preparation which will have destroyed all weeds, all native grasses which may have been growing on the soil, which have thoroughly firmed the sub-surface soil and at the same time have made mellow and fine the seed bed and which shall have made large amounts of soluble plant food available in the surface soil. In order to accomplish this ideal it means that the grass seeding must be done early in August, and that the treatment given the soil during the summer must have been such as would destroy all growth on that land, except possibly some crop which we may expect to remove in time for the grass seeding. The old practice of summer fallowing would bring about the ideal for grass seeding, but it is such a wasteful practice that it is not to be recommended. If some crop can be grown on the land which can be given thorough introculture and can be removed from the field by the first of August, the fitting for the grass may have been secured

while we have been cultivating this other crop. Possibly early potatoes or early corn would lend themselves to this work better than any other crops. Yet as far north as New Hampshire it would be difficult to get these crops from the field in time for the grass seeding. Where early potatoes can be grown and removed by the first of August all that remains then in order to fit the soil for grass seeding is the raking up of the potato tops and their removal from the field, the harrowing of the land twice over with a spring-toothed or disk harrow, then finishing with a smoothing harrow and the sowing of the grass seed. To replot this land if it has been well cultivated during the summer would not improve its condition in the slightest for grass seeding. But that firming and compacting, which has been brought about through the cultivation of the potatoes, and then the surface working by digging the potatoes and harrowing the ground afterwards, will have secured almost the ideals for grass seeding. Any coarse material which is to be plowed under should be plowed under some time previous to the seeding in order that the ground may become thoroughly settled and capillarity restored. This applies to stable manure and to cover crops.

A mixture of grass seeds which I have found well adapted for the production of hay in New England is as follows for one acre:

Herd's Grass.....	8 qts.
Red Top.....	6 "
Red Clover.....	4 "
Alsike Clover .....	2 "

This seed to be sown broadcast the first week in August, harrowed in lightly with a smoothing harrow or a weeder and usually rolled. Now, the object of all this method of fitting is to bring about those soil conditions which will bring moisture to the small seeds, causing their germination and furnishing a necessary supply for their growth until rains shall come. This method of fitting also results in making the grass and clover roots develop the most

largely near the surface of the soil in their fall growth. This serves to prevent the destruction of the plants through the heaving of the soil which is very likely to take place at some time during the winter or early spring. The plants will rise and fall with the soil without having their roots broken off to any considerable extent, and when the ground finally settles down, by the use of the roller it is firmed around the roots and the plants go on with their growth, then sending their roots deeper into the soil.

Many have adopted the practice of seeding in standing corn. Where this is to be done the corn should be planted in check rows, at least three and one half feet apart, and all cultivation for the corn should leave the ground level. The grass and clover seeds are then sown broadcast about the middle of or in early July, special care being taken to distribute the seed evenly, and then the final cultivation is given with a spiked-toothed cultivator. With such a summer as that of 1911 the chances are that this seeding would result in utter failure, but with a normal season and the usual rainfall of July and August, this seeding should prove fairly successful. After the corn is removed a top dressing of stable manure applied with the manure spreader will stimulate the growth of the grass and will furnish a slight protection from the freezing of winter and may assist materially in improving the crop.

The seeding to grass with oats in the spring is a custom very commonly practised. The success of this method depends entirely upon the season which follows. The oat crop is a rapid grower, makes considerable demand upon the soil for moisture, and while it is sometimes called a nurse crop yet this crop is often made at the expense of the tender grass and clover plants. To be sure, one may say that the grass seeding with oats will prove successful in the majority of seasons, that if it is a failure nothing prevents them from fitting the land after the oats are off and re-seeding in the fall, but with grass and clover seeds at the high price of the present time not every farmer can afford

to lose the first seeding, even though it may be lost not more than one year out of three.

Probably one method of grass seeding which will appeal to many is that practice which will permit the land to be devoted to the production of hay every year. Much land is better fitted to the crop of hay than to any other crop and the farmer does not wish to bother with corn or potatoes or oats or anything else, but yet in practice he finds that it is necessary to reseed occasionally. Now where this is the case the method which should be followed is to cut the hay not later than the twentieth or twenty-fifth of June, from that portion of the field which is to be reseeded. Immediately the hay crop is removed from a portion of the field, the plows should begin their work and by the tenth of July all of the land which is to be reseeded should be plowed and harrowed. From this time until about the tenth of August the harrowing should be repeated as frequently as once each week until in all it should have been harrowed over from four to six times. On lands which are especially open and porous the roller could be used to advantage directly after plowing and the roller then followed immediately by the disk or spring-tooth harrow. The purpose of this method of procedure is to come as near as possible to securing the ideal conditions as mentioned for grass seeding. By the tenth of August a good seed bed should have been established, the subsoil should be fairly well firmed, the commercial fertilizer and the lime or top dressing of stable manure, whichever is to be applied, should have been sowed and thoroughly mixed with the soil. Then not later than August 10 the grass seed should be sown. This method in the usual season will give a hay crop every year, and it will be found a wise practice not to leave land down more than four or five years. We believe that a rotation which shall take from the soil not more than two or three crops of hay, which shall then take it up and grow a cultivated crop, possibly two cultivated crops, then reseeding, will result not only in more hay crops but in better success with the cultivated crops.

The fertilizer for grass lands should be a complete fertilizer, containing a relatively high percentage of nitrogen. We have found the following mixture per acre to give good results on our usual New England soils:

Nitrate of soda.....	150 to 250 lbs.
Acid phosphate .....	150 to 250 “
Muriate of potash.....	80 to 100 “

these materials to be thoroughly pulverized and mixed and sown broadcast in the early spring, usually from the middle to the latter part of April. It is often well to sow a second application of fertilizer in mid-summer after the first crop of hay has been cut, but whether this would pay or not would depend somewhat upon the rainfall. Some seasons the fertilizer would lie on the surface of the ground without enough moisture to take it into solution.

The hay crop seems to be especially responsive to applications of lime. We believe that in the use of lime upon New England farms there is no crop in the rotation to which it can be applied to such good advantage as on the grass lands. Here it may be sown broadcast in the fall or during the winter. The hay crop will be benefitted by an application, and the soil will have been brought into better condition for the next cultivated crop which may be grown upon it. Some farmers object to the use of clover seed in their mixture. They say that the resulting crop with clover in it does not sell as well as the clear timothy or timothy and red top. Even though this may be so, there is no farmer who can afford to leave the clover out of the mixture. The first crop of hay which may be secured should contain a fairly high percentage of clover, but this first crop can be used to advantage for the animals upon the farm. While it makes better hay for all types of farm animals yet it will be a wiser practice to use it at home rather than to sell it from the farm. The second and third crops should be almost entirely clear timothy and red top, owing to the disappearance of the clover. These crops may be sold to the city man if so desired, will command the



highest market prices, and these crops will be much larger and more profitable as a result of the clover having been sown because that clover will have gradually improved the conditions of the soil for the growth of these nitrogen-consuming crops.

Not much time remains for the discussion of the corn crop, but briefly the principles upon which success with corn depends are: good seed and well-fitted soil, seed properly planted and proper cultivation given the corn.

In selecting the variety of corn to plant, the choice must be determined somewhat by the use to which the corn is to be put. If for the silo, then we should say the largest variety of corn which will approach maturity in the locality where grown. This with you in New Hampshire would be the Leaming or Pride of the North or Early Mastodon. If the ripened grain is what you desire then you should select one of the early-maturing New England flint corns or possibly what is known as the Improved Canada Flint. It is a mistake to select the large growing varieties for the production of grain, for just as many bushels of shelled grain can be grown per acre with our eight-rowed New England Flint as can be grown with the larger Dent varieties, and it is much more certain to come to maturity. We prefer to plant corn on land the first year from sod. While in certain cases it might be better to apply stable manure as a top dressing after plowing, in actual farm practice it is usually better to get it out on the field early in the spring and then plow it under. We believe the corn roots will get down to it and the plants will be benefited by it before the season is over with. The depth to which corn should be planted must be determined by the date of planting, by the type of soil and the condition of the soil with reference to moisture at planting time. If for any reason the planting has been delayed on a loamy soil until nearly the first of June, and the soil has become dry at the surface, the planting must be deep enough to get the seed into the moist soil, no matter if it must be covered to a depth of three to



four inches. This deep planting, bringing it in direct contact with moisture, will cause quick germination, the crows will not be so likely to cause trouble, the roots will go deeper into the soil and thus find moisture, and for many reasons where the soil is not a clay or clay loam deep planting is to be recommended. The clay soils are likely to be cold and wet and deep planting might result in rotting of the seed.

In cultivating corn the work should begin very soon after planting, and the first work should be done with a smoothing harrow or with a weeder. In most cases the smoothing harrow will do better work: two or three times over the field before the corn comes up, then begin the work with the cultivator, using at first a narrow tooth, not more than two and one half inches wide, and being careful that the first cultivation given the corn shall be as deep as any cultivation we expect to give during the season. In fact, the time for deep cultivation of corn is the first cultivation, and from that time on to the last cultivation, the depth should gradually diminish until finally the shallowest surface working is given. We believe it a mistake to continue the cultivation of corn after the crop has grown so that it forms a fairly complete shade for the soil. We would not advocate less cultivation than is usually given to the corn, but we would advocate giving this cultivation more intensively early in the season. At that time the ground has nothing to protect it from the direct rays of the sun or from the direct sweep of the wind, and both of those agencies serve to remove moisture. The cultivation in the early season will serve to prevent this loss of moisture, while later on when the ground is shaded by the leaves of the corn plant the evaporation is gradually lessened as a result. The date at which cultivating corn should cease will depend somewhat upon the time at which it was planted and upon the condition of the season, but with corn planted the middle of May cultivation should cease early in July.

The fertilizer which should be used for corn will depend

somewhat upon whether stable manure has been used. If from ten to twelve loads of stable manure is available and has been plowed under, then we would recommend a top dressing of fertilizer applied just before the corn is planted, and the following mixture per acre:

Nitrate of soda.....	150 lbs.
Acid phosphate.....	150 "
Muriate of potash.....	50 "

We would sow this mixture broadcast and harrow it in and let it serve to feed the corn until the roots get down into the stable manure.

These principles briefly stated are at the foundation of successful corn growing. There is no time today for the discussion of the enemies, both insect and fungus, which prey upon corn, and those matters will of necessity be left for some future discussions.

## SOIL FERTILITY.

BY PROF. F. W. TAYLOR, DURHAM.

At a recent meeting of farmers and Grangers at Utica, New York, Ex-President Roosevelt said: "The prime physical asset of any country, more important than all others, is the fertility of the soil." Such a statement coming from a man with the keenness of vision, the conviction and the authority of Theodore Roosevelt is worth more than a mere passing notice.

It has often been quoted that "agriculture is the foundation of our prosperity"; if this is true—and none but foolish men doubt it—it is equally true that soil fertility is the corner-stone of this foundation. We hear nowadays about the conservation of our natural resources, in fact, "conservation" and "coöperation" seem to be the slogans of our industrial and agricultural progress. When we speak of conservation we think at once of our coal, our iron ores and other mineral products, our forests, our water powers, our food stuffs, and in some cases our own physical

energies, but we seldom if ever think of the conservation of our soil and its store of fertility.

The question naturally arises, "What is soil fertility?" It may be answered by saying that it is the power or capacity of a soil to produce crops at a profit. It will be noted that the simple production of crops is not a sufficient guarantee of a fertile soil, but that these crops must be produced abundantly enough to return a profit. As an illustration—some of our New Hampshire lands are producing a half ton of hay per acre, perhaps, as one farmer said, "Just enough to pay for the cutting but not the raking"; other lands are producing two or three tons of hay per acre, and at a good profit, too. In the once case soil fertility seems to be lacking; in the other, there seems to be an abundance of it.

In order to study the question of soil fertility and to discuss intelligently the methods of maintaining it, it is necessary first of all to note the chief factors or conditions upon which it depends. In the discussion of these I shall try to speak plainly and to omit all technical and scientific terms, for I heard a farmer say the other day, in describing a scientific lecture which he had heard at an institute, that the speaker simply told them what they already knew in language they could not understand.

Soil fertility depends in the main upon the following factors:

1. Good Drainage.
2. Thorough Tillage.
3. Organic Matter and Humus.
4. Rotation of Crops.
5. Available Plant Food.
6. Bacterial Life.
7. Abundant Moisture.

Taking up these factors separately and necessarily briefly, let us consider first, *drainage*. The primary object of drainage is to get rid of surplus water in the soil and

to lower the water table so that the roots of plants can penetrate to their normal depth. Although most lands in the state have good natural drainage, there are many acres here and there which are too wet in an average season to produce a maximum yield of crops. Lands which are naturally wet are found to be very fertile when drained, largely on account of their high content of organic matter and intimate relation with their water supply. Although drainage is an expensive operation, costing us from 60 to 75 cents per rod of tile drain, it must be looked upon as a permanent improvement, and in most cases will pay a good rate of interest on the capital invested.

There are four principal effects of drainage:

- (a) Carries off surplus water.
- (b) Warms the soil.
- (c) Ventilates the soil.
- (d) Increases the available moisture.

Soils which are well drained have been found to be ten or twelve degrees warmer than similar soils undrained. This is due to the fact that evaporation is a cooling process, and that if the surplus water in the soil must be drawn to the surface and evaporated instead of being carried downward and away through the drains, the soil will be cooled. The soil is better ventilated because the drains act as chimneys and the water being withdrawn the air is allowed to enter. The available moisture is increased because the roots have penetrated deeply and come in contact with a larger volume of soil from which to draw their moisture than they would have had, had they been forced to develop near the surface. Drainage is only one of many ways of utilizing the natural fertility of the soil, and is in many respects the most fundamental factor involved in the fertility problem.

2. *Tillage.* The effect of thorough tillage on crop production has long been recognized. Our old English friend, Jethro Tull, saw its benefits 150 years ago when he originated the idea of horse cultivation. Although he was

wrong in the theory that plants take up solid particles of soil and the finer the soil the more they could take up, he was correct in his observations that thorough tillage increased the yield of crops.

The wonderful crops of hay secured by the late Mr. Clark of Connecticut were due largely to the repeated and intensive cultivation given to the land before seeding. For crops like corn, potatoes, and the small grains a great deal depends upon the proper preparation of the seed bed. We should not be afraid to harrow the ground too much, and when we think we have finished it, we should go over it again once or twice just for good measure. We should be careful, however, about stirring the soil when it is wet, since much damage may be done at that time by inducing formation of clods which will spoil the effect of many previous cultivations, and will require many subsequent ones to counteract. A deep, fine, mellow seed bed is desirable for most crops and can be secured only by thorough tillage.

There is much truth in the old proverb that tillage is manure, because its effect is to render available to the plants an increased amount of the vast store of potential fertility which all soils contain. We are thus working hand in hand with nature, and the result in our crop yield is the same as if we had added manure and fertilizer directly to the soil.

3. *Organic Matter and Humus.* Organic matter and humus are valuable as crop-producing agents chiefly on account of their content of nitrogen and their power to increase the water-holding capacity of the soil. Many soils are unproductive because they are deficient in organic matter. Humus, which is only decayed and decaying organic matter, may be added to the soil in three different ways:

- (a) As barnyard manure.
- (b) As green crops plowed under.
- (c) As sod and stubble plowed under.



In the use of manure it has been found that the largest return per ton is secured when about ten tons per acre are applied. Light and frequent applications of manure are more economical than heavy, infrequent ones. The best green manure crops are clover, soy beans and buckwheat, and these should be plowed under in the fall and left to decay until the following spring. The humus from old sod seems to be best suited to the corn crop. Corn rather than potatoes should follow sod.

It should be remembered that the plant food in organic matter cannot be utilized by the plants until the organic matter is decayed, and for that reason sods as well as green manures should be plowed under in the fall.

4. *Rotation of Crops.* Nature practises a rotation of crops, and we can do no better than to imitate nature. The principal reasons for a system of rotation are:

(a) *No two crops remove plant food from the soil in the same proportion.* Some crops, like grass, make heavy drains upon the nitrogen. Others, like the grain crops, upon the phosphoric acid, while still others, like potatoes and tobacco, upon the potash. If the same crops are grown continuously on a given piece of land a deficiency in one or more of these three food elements is soon likely to result.

(b) *No two crops have the same kind of root system.* Some crops are shallow-rooted, others are deep; some are fibrous-rooted, others tap-rooted. By alternating crops on the land we are able to have them draw their plant food from different strata of the soil.

(c) *Insect pests and fungous diseases may be kept in check.* This seems to be the day of the insect and fungus and every means possible must be taken to prevent their ravages. By changing the location of a crop we are affording opportunity for the self-destruction of these insects and fungous pests.

(d) *A rotation allows the growing of clover and other leguminous crops.* These crops are universally recognized as being essential to successful agriculture, and their intro-



duction into our crop system marked an epoch in the history of agriculture.

5. *Available Plant Food.* Plant food exists in the soil in two forms: the soluble and available and the insoluble or potential. I might say here incidentally that the popular idea that a chemist can analyze a soil and be able to state what kind and amount of plant food should be used to produce the best crops is no longer assumed to be correct. While he can tell very accurately the total amount of plant food which a soil contains he can no more than approximate what proportion of this food is in such a form that the plants can use it. Plants require for their normal development a certain definite amount of plant food, just as animals must have a certain amount of food to bring them to maturity. The feeding of plants is not unlike that of animals; both must have their food in proper condition and proportion at the proper time. Drainage, tillage, organic matter and rotation of crops will enable the plants to make the best possible use of nature's supply of food, but in many cases this is insufficient for the maximum yields of crops. It therefore becomes necessary to add plant food to the soil. In doing this we should aim to use only those constituents which will furnish the food in an available form, and in the purchase of our fertilizers or chemicals we should figure only on the percentage of plant food which will become available the first year. It is not good policy to add to the soil this year what will be of no value until next, year, and which, in the mean time, may be lost.

6. *Bacterial Life.* Of the bacterial life of the soil comparatively little is known and still less appreciated. Suffice it to say that the soil is vastly more than a mere mass of dirt and inert minerals. It is teeming with countless millions of microscopic organisms and is truly a scene of life and activity.

All the changes of decomposition and decay are the result of these bacteria, and were it not for them, organic matter and many other common forms of fertilizing mate-

rials would possess little or no value. The virtue of clovers and other leguminous crops as soil-fertilizing agents lies in their intimate association with bacteria. The fixation of the nitrogen of the air in the soil is the result of the work of these organisms, and so extensive is this work that it is conservatively estimated that an acre of clover will take from the air annually 75 to 100 pounds of nitrogen which, at commercial prices, is worth about \$15.

The theory of soil inoculation is founded on scientific principles, and when the practical details of it have been more carefully investigated, we shall doubtless be able to make a much more extended use of the atmospheric nitrogen as a food for our plants.

7. *Abundant Moisture.* Crops will not grow in a wet soil and neither will they grow in a dry one. Water plays a most important part in the feeding and growth of our plants. It is needed to dissolve the food, to transport this food to the roots, to carry it to the leaves and stems, and to give form and substance to the plant itself. It has been computed that for each pound of dry plant substance produced, from 300 to 500 pounds of water are taken from the soil.

It has often been observed, especially during the past few seasons, that no matter how well our land may be drained, how thoroughly we may plow and cultivate, how good seed we may use, or how much fertilizer we may add, if we do not get rain at opportune times our yield of crops will be short. A prominent farmer who usually buys five or six tons of fertilizer told me recently that he was going to invest his fertilizer money this year in a small pumping outfit and try irrigation for a year or two instead of fertilizers. Market gardeners have already seen the advantage and profit of irrigating even in our so-called humid climate, and it is an open question if irrigation cannot be made to pay on many of our lands, even for ordinary farm crops. If you have the opportunity and can do so at a reasonable expense give irrigation a trial.

These seven factors,—remember seven is a Scriptural number,—have much to do with the productive capacity of a soil. It cannot be said that fertility is dependent upon any one of them in particular, but is rather the result of a happy combination of all of them.

## THE NEW HAMPSHIRE COLLEGE.

BY PRESIDENT W. D. GIBBS.

Because of its direct influence on the life and industry of the state, New Hampshire College is, and must always be, one of the most valuable assets of the Granite state. Its purpose is to "provide for the liberal and practical education of the industrial classes in the several pursuits and professions of life." Founded by congressional act and maintained by federal and state appropriations, its ideals will always be democratic in character, and its work adapted to the practical needs of every-day life.

The college recognizes its responsibility to the state, and aims to train its students for good citizenship and efficient service. It offers courses of study in agriculture, mechanical, electrical and chemical engineering and in arts and science. Its standard of scholarship is high, and graduates of the college take their places with credit alongside of graduates of other first-class institutions of learning. New Hampshire College requires its students to work. It is no place for loafers, rich or poor; neither is the institution an amusement resort where a student may be sent to spend his father's money for a "good time." The college does not give diplomas for "good fellowship" or for athletic prowess. The policy of the institution is to insist upon faithful work and reasonable accomplishment. It strives to impart high ideals and to graduate students well equipped with that bodily and mental vigor and training necessary to their success in life. That it is doing its work well is shown by the remarkable success of its graduates and former students.

The college has grown much more rapidly than most people realize. Nine years ago it had 111 students; today it has 320. It then had 20 instructors, teaching in all 120 courses; now 44 instructors teach 276 courses. The institution was then housed in six buildings, while today 15 buildings are crowded to overflowing, and there is urgent need for more. In 1902, the entire college plant was worth \$135,000; today it is worth \$500,000. In 1902 the library of 9,000 volumes was housed in a room in Thompson Hall; today it has 30,000 volumes housed in a \$32,000 building built without expense to the state.

The college is co-educational and offers the same opportunities to young women that it does to young men. The courses in arts and sciences, with the wide privilege of electives in educational and allied subjects, are particularly attractive to young women who desire preparation for teaching. Smith Hall, built and equipped at a cost of \$28,000, furnishes ideal accommodations for the exclusive use of young women students.

Considered with reference to the economic and social needs of New Hampshire, the work of the college ranks in importance second to no institution or enterprise in the state. Without doubt the greatest need of New Hampshire is the development of her splendid resources. Mighty problems confront us. Manufacturing should be improved and encouraged; waste lands reforested; roads improved; water powers developed; country life made more attractive and more satisfying, and the whole business of farming redirected and rejuvenated. It is absolutely imperative that a new agriculture be established in New Hampshire, and the college is proud of the part it is taking in bringing about this great economic change. Only recently have we come to see the wealth in our agriculture. New Hampshire is coming into her own.

The new agriculture is a new business, a new science and a new profession all in one. If the hope of New Hampshire lies in her agriculture, we may add that the hope of

her agriculture lies in the application of science and in the adoption of business methods. The scientist has made good. He is "the man who knows," and that is the fellow we want to talk with today. Guesswork will no longer yield a profit. Exact knowledge is the only thing that interests us. The new agriculture is scientific, efficient and businesslike; it is intensive and permanent and appeals to red-blooded young men as a career the equal of any other business or profession.

As we look about in the light of the early dawn of the new day we clearly discern the forces at work for "better farming, better business and better living." Foremost among these is the New Hampshire College, with its several courses of study in agriculture and its experiment station. There are now 134 young men in agricultural courses at the college—more than ever before; and they, with others who have preceded them, are carrying back to New Hampshire farms the new agricultural gospel. A few years ago one of our agricultural students returned to his father's farm, and developed in three years an old apple orchard of 600 trees from a yield of 800 barrels of ordinary fruit to 1,500 barrels of fancy fruit that sold for \$4,000. This is the new agriculture, and we need its example in every town in New Hampshire. The college is now hoping to accomplish much through its recently formed agricultural extension department, the purpose of which is to carry the work of the college and experiment station, by means of lectures and actual demonstrations, to every farming community in the state. These demonstrations are more convincing than any amount of talk.

Graduates of the college are also giving a good account of themselves in engineering lines of work and in business. Among them are the following: One of the best-known sanitary engineers of the country, selected by President Roosevelt as one of a board of five to inspect and report on the Panama canal; the supervisor of bridges and buildings for the New York Central Railroad; the president of



the Peerless Motor Car Company; the treasurer and a director of the United Fruit Company; the engineer in charge of the northern tier of reclamation projects for the United States government; a New Hampshire highway engineer; the state chemist and food commissioner of Indiana; the physical chemist, Bureau of Soils, Washington, D. C.; the president of one of the largest milk contracting firms in Boston; a head chemical engineer with the General Electric Company; a manager for the American Writing Paper Company; a district chief of the United States weather bureau; more than a dozen who hold professorships in colleges and universities, and scores of others of equal promise.

Development work calls for strong leadership. We have a few men now at work, but we need many more. The state could make no better investment than to provide her college liberally with funds, that it in turn might give to the young men and women of New Hampshire the best possible training for service. Natural resources can be conserved and developed only as we conserve and develop the youth of our land. The state college needs much to enable it to do its best work. It needs the hearty interest and coöperation of every citizen within its borders. It needs the loyal support of the legislature, and the generous endowment of individuals. The college is anxious to make good, and cannot fail to accomplish the work expected of it if the people for whom it labors enter enthusiastically into a study of its problems and needs.

## THE GRANGE IN NEW HAMPSHIRE.

BY RICHARD PATTEE, MASTER STATE GRANGE, PLYMOUTH.

I am pleased to speak here for the grange in New Hampshire. We acknowledge with appreciation the help the State Board of Agriculture gave in organizing the grange in the state. Today it is the biggest organization in the state, and through it the largest number of people can be most quickly reached and influenced.



The grange is organized in 199 towns and 10 cities. One town has five granges, two towns and two cities have four each, five towns have three and 35 have two. There is a total paid membership of almost 30,000. Of these 18,000 live on or have retired from farms, 6,000 are professional, mercantile or manufacturing people. The other 6,000 are teachers, students, laborers and the like. We have approximately 12,000 voters, whose strength is enough to determine who shall be governor, congressman in either district, or in control of either branch of the legislature.

No wonder its influence is sought and feared by politicians. But it never entered into partisan politics or sought to influence candidacies or elections beyond a systematic and persistent effort to place ability and integrity above party adherence as a qualification for public office. It fearlessly and boldly seeks to influence legislation affecting country life; it advances policies, which are developed not by a few leaders in star chamber sessions, but by discussion among its people all over the state, the sentiment aroused being crystallized in resolutions and recommendations adopted and approved by the representatives of all the granges in annual session assembled.

You as the official agricultural representatives of the state, as well as the public generally, have a right to know what the grange has done, is doing and hopes to do.

We believe that, other things being equal, the farm reflects the intelligence and training of the farmer. A man with trained intelligence, without either the two great necessities of successful farming, strength and capital, will do more for the calling and the state than the possessor of both these things, who lacks intelligence or training. Therefore, first of all, the grange seeks the development and culture of intelligence on our farms. To that end our semi-monthly meetings are enlivened by literary programs, the result of study and investigation.

So also we interest ourselves especially in the public schools. Educational interests know that the grange is the

most powerful influence in the state for the improvement of our school system. The grange school law has operated to add at least a year to the school life of the average country child within the last twelve years. It has advanced the public school system from a common school education to one fit for college. It has raised the standard of teaching, aiding towns to employ trained teachers and expert supervision. The grange believes that the school training for the future of New Hampshire farmers should be along vocational, economic and sociological lines, not so much more or better as different teaching. From now on we ask that the school system of New Hampshire fit our children for the life work they will follow for community service and participation in public affairs. We seek agricultural and domestic science instruction in our common and secondary schools, and will not be content until schoolrooms are fitted with cook stoves as well as blackboards, and garden plots beside playgrounds, until teachers can teach the chemistry of foods and soils as well as music and drawing. The grange demand is that every schoolhouse be the community center for instruction in those things which make up the activities of the people in our state, upon the doing of which and doing them well the material prosperity of our people depends.

The grange concerns itself with the highways of the state. No class use or need roads as do the farmers. We study and discuss the uses and needs, and we hold pronounced and positive opinions in relation thereto. The road system of our state being under a sort of dual management, that of the state as to the roads built and maintained in whole by state appropriation and that of towns and cities as to roads not aided by state funds, and by these agencies jointly as to roads in which state and local funds coöperate, the grange believes, first, that the state's share in highway management should be under a competent permanent board instead of changing every two years, as now, under the governor and council, who are not trained in the science

of road building and whose knowledge and judgment in these matters would not be satisfactory to a man who owned and ran for himself a private road. We demand on the part of the state the same businesslike efficiency in highway management at the public expense that a business man would demand in the operation of his private affairs. We therefore favor a continuous highway board of more than one, with not more than one member retiring at a time.

Locally we favor the removal of highway management from partisan town or city politics; we say, select the best man in town to have charge of its highways, no matter what his politics, and then keep him.

A recent legislature appropriated \$125,000 annually to help poor country towns build so-called permanent highways. Later certain charges were made against that appropriation, by which the sum available to help these towns is lessened by half. We believe that the appropriation should be used for the purpose for which it was originally made, that the automobile boulevards should be paid for by separate appropriation, and that the highway policy of the state should be based upon the business necessities of the people who live in the state and pay its bills.

I wish to make plain the policy of the grange in the matter of woman suffrage. We believe that the people should determine for themselves whether the time has come for the adoption of that principle, and therefore favor submitting to the people a female suffrage amendment to our constitution. We are neither for nor against the thing itself, but are for placing it before the people for decision.

The grange favors primary election of delegates to presidential nominating conventions, and that the candidates for political office should be selected not by a few leaders in private conference but by the voters upon whom they must depend for election.

We believe that when a town votes No on the license question, its vote should mean No, and be protected from ruinification through the shipment of liquor into such towns

from other states. The grange asks for a federal law prohibiting the shipment of liquor from other states into dry territory in any state.

The grange believes in equality in taxation. The farm property of New Hampshire has borne more than its share of the public burden. We call for the enforcement of law as to the valuation of property upon a basis of equality, and the relief from rather than the increase in the public burden laid against farm property.

The grange in the country town is the only institution which systematically and intelligently considers the public affairs and welfare of those towns and their people. Through the properly conducted grange, the youth of the state are trained and developed for life in those towns which need and should retain among its citizens the highest type of young men and women. The children of our country homes are of greater importance and value to the state than the crops of our fields or the herds in our pastures. They must soon be our farmers and our citizens. The progress of our industry, the life of our state depend upon its child life, the opportunity and training given to our youth. That it may be properly trained toward productive industry is the hope of the grange.



**FIELD MEETING, 1911, AT HAMPTON.**





## FIELD MEETING, 1911, AT HAMPTON.

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The twenty-sixth annual field meeting of the New Hampshire State Board of Agriculture was held at Hampton Beach, on Wednesday, July 26, with public sessions morning and afternoon.

Among the 10,000 people on the beach during the day were not a few who had attended all the meetings in the long series, and they were emphatic in the opinion that this gathering surpassed all its predecessors in point of attendance, interest and usefulness.

The weather man gave a perfect day for the occasion, neither too hot nor too cool, with a delightful sea breeze and a temperature of water that kept the surf filled with bathers during the day.

The people came in throngs from all parts of New Hampshire and from northeastern Massachusetts. For its visitors the beach was at its gayest, prettiest and best, and all its manifold forms of entertainment were enjoyed to the utmost. But for a large part of the great crowd the real magnet was the program arranged for the day by the Board of Agriculture. Convention hall, where these exercises were held, was well filled for the forenoon session and fairly packed in the afternoon, at least a hundred people being compelled to stand at this session.

Fine music by a Portsmouth orchestra opened, closed and interspersed the program, both morning and afternoon.

The forenoon session was called to order at 10.45 by Chairman Roberts, who said that he always looked forward with pleasure to the meetings at Hampton because of the goodly numbers who attended and the intelligent attention they gave to the program. Our little old Granite state is

not, he said, chiefly a farming state, but it has thorough agriculturists who share in the progress, advancement and enlightenment which are the intelligent order of the day. We are not afraid of reciprocity, but we dislike, dishonor and discredit this presidential policy, which, however, will serve to unite the farmers of the country against an act so unkind to them. Let us be faithful to our trust, said the chairman, and bring back New Hampshire to her place among the foremost agricultural states—beautiful New Hampshire, whose sons and daughters do her honor and credit as the brightest, best and happiest spot on earth.

As the subject of his annual address, Chairman Roberts took "Education," and spoke as follows:

### EDUCATION.

Ever since the landing of our Pilgrim Fathers at Plymouth, America has always been considered the home of the free and the land of the brave, where every citizen could worship God according to the dictates of his own conscience. We have invited and are receiving immigration from every land under the sun. Today the census shows a return of ninety or more millions of people. These must be fed, clothed, and last, but not least, educated. While a large portion of the immigration is tending toward the large cities, many immigrants, especially in the West, are found among the farmers. One of the grandest principles of that grand and magnificent order, the Patrons of Husbandry, is that of education. One writer has truly said that the grange has removed the isolation of farm homes, inculcated and promoted education, fostered and secured better schools for her children, and raised the standard of intelligence among the farming population.

If the reported statistics are true, and we certainly must depend upon them, then they show that but two per cent of our children receive a college education, and less than ten per cent acquire a high school or academic education; then the balance of humanity, 88 per cent, must get along

with our common schools. Nay, there are immense numbers who never enter school or receive any education at all.

The object of education is to raise up, and not to pull down; to improve the condition of man, to advance the interests of the whole people, while increasing the individual happiness and prosperity of every member of the commonwealth. While the desirableness of education in the best sense of the term is admitted by every reflecting mind, its importance under a free government like ours no one can fully estimate. Our fathers held it in highest regard, for they planted their schoolhouses with their churches beside the war path of the Indian while yet their first rude cabins but half sheltered them from the cold blasts of a New England winter.

Since the landing of the Anglo-Saxon exiles, that band of noble spirits which laid the foundation of a far-spreading and powerful empire, no period is to be found in the history of our country when education has not been more or less regarded as an object of the highest public concern. It is certainly desirable to extend a good education to every child in the state, of whatever name or complexion, such an education as is suited to his wants, to his conditions and circumstances in life. As the desire for improvement is universal, why not extend the blessings of education to every individual of all classes? Children as well as men love improvement. They love to learn, see, hear, examine, compare, combine. The God of Nature has formed them for it and made them as susceptible of advancement in all that can adorn and beautify as the earth is of cultivation, and this desire for improvement can no more be eradicated from the constitution of man than he can cease to be.

So long as men desire the comforts of life, pure air, wholesome food, suitable clothing and convenient dwellings, they must constantly desire to better their condition. That knowledge which a good education furnishes is exceedingly valuable in all that pertains to human life; in the direction of household affairs, in the supply, management

and economy of the kitchen; in all the arrangements and business of the farm; in the gathering and preservation of all products, both of the garden and farm; in the building of houses, barns, mills, factories, railroads; in commerce, in navigation, in legislation, in law and medicine, in the pulpit, in teaching and in every walk of life.

Our own history strikingly illustrates the value of knowledge among the great mass of the people. It lies at the foundation of all the improvements and enterprise of the country. It was the origin of that glorious revolution which gave birth to a great, widely extended and growing republic, and liberty to all of her citizens. Our fathers knew their rights. The people were all educated. No child was suffered to grow up ignorant of his rights, powers, obligations, duties. When of age and called to act, he was qualified to do his part with honor to himself and to his country.

How different the situation today! With people from every known clime and station in life, the United States today finds itself in a peculiar condition, with thousands of coming immigrants daily entering our ports, ignorant of our laws. These people are to become citizens and must be educated. We are in duty bound to sustain and support our common school system. The people must be educated or the government cannot stand. The right of suffrage is universal. The means of knowledge must be co-extensive. Where the necessities for education are greatest, there the difficulties are the greatest and oftentimes the means the least.

You may dig canals, construct railroads, establish manufacturing, cultivate fields, erect your splendid mansions, accumulate wealth until you become the pride of the earth, but if you do not keep a good moral education of the whole population in advance of all your other improvements, your labor is in vain and the government will crumble to the earth. Establish common schools and sustain them well, and you will most assuredly fix a place where all classes will in childhood become familiar. An acquaintance thus formed will last as long as life itself.

Vast sums of money are spent for the support of our public schools, and I am glad to know that the more wealthy towns and cities in the state are willingly aiding those whose share of the public wealth is limited. We are well proud of grand old Dartmouth at Hanover, of our agricultural college at Durham, our normal schools at Plymouth and Keene, our many high schools and academies, with many private institutions all over the state, yet the fact remains that upwards of 80 per cent of our children must get their education in our common schools. No people in this grand country of ours are more indebted to our common schools than are those of the good old Granite State, New Hampshire. None are under greater obligations to sustain them and increase their efficiency. No one instrumentality has done more to promote the welfare and extend the renown of the state. At an early period she founded and sustained these primary seats of learning, and the results have nobly justified the wisdom of that course. The seeds were then sown that have produced the rich fruits of intelligence, ingenuity and practical skill in the various departments of social life.

If we would Americanize those who immigrate to our shores, we must first educate. If we would make useful citizens of the people in our midst, let us see to it that our common schools are aided and supported to the utmost farthing. New Hampshire has never been backward in the support of anything that has been beneficial to her best interest.

#### THE GRANGE IN NEW HAMPSHIRE.

In introducing Richard Pattee, Master of the State Grange, Chairman Roberts said that we all ought to be proud of the grange and its magnificent work, and that its membership of 30,000 in New Hampshire ought to be doubled and include every farmer.

Mr. Pattee claimed for the grange that it is today the biggest, strongest and most active organization in the state, and pointed out that it is confining itself absolutely to the



field in which it is supposed to operate. Other than agricultural interests have asked for the support of the grange, but the policy of the order has been and is to stick closely to the people and to be the spokesman of the farmers of the state.

The grange asks what are the needs of the farmers and the farmers of the state as a class and not as individuals, and endeavors to promote the common interest of the class rather than the individual interests of the farmer himself.

The era of the abandoned farms has received a check in New Hampshire; but the movement is not entirely over, for the census shows us that in 1910 there were 2,411 less farms in New Hampshire than in 1900, which means that 241 a year were abandoned. The acreage of practically all our important crops shrank from eight to 22 per cent, and in farm population the state suffered a loss of 8,000 to 9,000. Of the 225 towns in the state only 60 showed a gain in population for the ten years and those were towns like Plymouth, for instance, which had manufactures to promote their prosperity.

The situation in New Hampshire today demands careful study and consideration on the part of those who would advance the agricultural interests of the state. But, on the other hand, our farms are worth more by \$15,000,000 than they were ten years ago, and the value of all crops has increased. There are fewer farms, but more results, an actual and relative gain in farm and crop values, for the purchasing power of a crop is 56 per cent greater than it was ten years ago. We have an increased value and an increased productivity of farm lands, but a shrinking population and a decrease in farm area, a most peculiar situation.

The two needs of agriculture in New Hampshire, to which the grange is addressing itself, are more capital and greater intelligence. There is no need to discuss here the need of more money in agriculture in New Hampshire. Our custom has been to see not how much money could be

invested in agriculture, but how much could be taken out of it. We have been making money out of the farm and taking that money as fast as made away from the farm for investment, putting it in the savings bank or somewhere else, but never putting it back into the farm.

The grange has been trying for some time to encourage the investment of more capital in New Hampshire agriculture, but it has met with many obstacles, both from the banks and from individual money-lenders. The attitude of the ordinary financial institution in New Hampshire has not been favorable to agriculture in this state. Slight encouragement has been given the man who wished to borrow money to put into his farm. Lax business methods on the part of the farmers have been in part responsible for this attitude; also, the greater attractiveness of investment for industrial development. As for the local Shylocks, they have demanded six per cent interest on farm loans, and on top of that a bonus.

The grange has attempted repeatedly to secure remedial legislation. When National Master Bachelder was state master, he had a bill introduced in the legislature, which was passed in the lower branch but was killed in the senate. In 1909 the process was repeated. But in 1911, the bill which passed the house also got through the senate, though in the face of opposition and attempted compromise, was signed by the governor and became a law. Brother Drake, master of Catamount Grange, Pittsfield, and representative from that town in the legislature, deserves much credit for the success of the measure. By its terms money loaned on New Hampshire real estate at five per cent interest or less is exempt from taxation. Now if you people here have got money in the savings banks drawing three or four per cent interest, take it out and loan it on farms in your town at five per cent. Thus you will keep the money at work in your own town, where it ought to be.

In the second place, we need a greater degree of intelligence on the part of the farmers of the state. A process

of selection has been going on which has been adverse to agriculture. In a family of sons the extra bright one usually has been sent to college and trained for a profession, the average one has been made a merchant or manufacturer, while the one who was not quite up to par has been selected to stay on the farm. This has been the rule, with conspicuous exceptions, easy to pick out just by riding by and observing their farms.

Now what we want to do is to change this order of selection and keep the first-class boys on the farm. On this account the grange quarrels with the present system of education and asks for more vocational and industrial training. The main line of education now runs from the common school straight to the university, with its terminus in the non-productive and absolutely unnecessary professions, law, medicine and the ministry. I say unnecessary, for the man who treats himself right has no need for a doctor, the man who treats his neighbor right has no need for a lawyer, and the man who treats God right has no need for a minister.

The grange should and will demand the development of our school system towards industrial production instead of along its present lines. There are splendid men and women today on our New Hampshire farms, and their children form a body of youth of whom the state may well be proud. Now let us keep those children on the farms and not let them go to the crowded, congested cities. To that end the grange asks support and coöperation as the spokesman of the farmer as he is and the helper of the farmer as he is to be.

## THE NEW HAMPSHIRE EXPERIMENT STATION.

In introducing the next speaker, Chairman Roberts spoke of the pride which the people of the state feel in their college at Durham, and urged more of the farmers of New Hampshire to send their sons and daughters there for education.

The speaker, Prof. John C. Kendall, director of the New Hampshire College Experiment Station, described its origin, growth and work in a most interesting manner, told of the plans for increasing and extending its usefulness, and asked for the coöperation in that direction of the grange and the farmers of the state.

He showed that the growth of the experiment station idea has been a natural evolution, the farmers asking questions to which answers must be given. First, came seed test farms, then, with the establishment of the agricultural land grant colleges, the demand for experimental work greatly increased. In these colleges today 7,000 men and women are devoting their lives to teaching 45,000 agricultural students, and the colleges have in all 128,000 pupils. Every one of these agricultural colleges has an experiment station connected with it. At first their work was much in the line of police duty, analyses of seeds, fertilizers, feedstuffs, etc. But soon the need was seen for original investigation, for fundamental work, and appropriations to that end were authorized by acts of congress. Under these acts the New Hampshire experiment station now receives \$30,000 a year from the federal funds by which, and not by the state, it is supported.

The work of the experiment station is not well understood and fully appreciated in New Hampshire. One branch of its work, the study of sheep breeding, has been said by expert authority to be the best of its kind in the country. It has issued 153 bulletins on almost all phases of agriculture in New Hampshire and has distributed them to a mailing list of 16,000 names, the growing interest being shown by the fact that 1,000 requests to be added to the list have been received during the past year. There are now 22 people at the station, and they are carrying on 36 carefully considered and outlined experiments on soils, corn, hay, apples, plums, lettuce, potatoes, etc.

Unlike most other states, this experiment station has not received until this year any direct appropriation from the

state treasury. But the legislature of 1911 gave the station \$5,000 for agricultural extension work and \$1,500 for the issue of information bulletins. Under the head of agricultural extension it is planned to carry what is good from the station to the farm, there to be applied and made useful. All parts of the state will be reached and all varieties of soil studied. Arrangements have been made for coöperative work with some of the county farms.

Complaint has been made that the bulletins issued by the station have been too technical. This has been necessary in order to comply with the regulations for the publication of government bulletins, but with the state appropriation bulletins can be issued in which the technical information has been put in popular form and made available and intelligible to all readers. The New Hampshire station hopes to reach a lot of people and do a lot of good on these extension lines. Reading and correspondence courses are planned and visits to the station by all the people of the state, a county or two at a time.

Professor Kendall closed by declaring his firm belief in the future of agriculture in New Hampshire, a belief which, he said, had brought him back to the Granite state from the fertile plains of Kansas. There all is on a large scale, he said, and much capital is needed. For the young man, just starting in, New England is the place, with its good markets, high prices and short hauls.

But there must be some changes in our methods. Intensive agriculture must be practised, more live stock must be kept, the fertility of the soil must be maintained and increased. The agricultural experiment station will do its best for all that means an improved agriculture in New Hampshire, and to that end it asks the coöperation of all, of the grange, the State Board of Agriculture and the individual farmers of the state.

Every seat in the spacious hall was filled long before the hour set for opening the afternoon session, which followed dinner in the banquet hall. Chairman Roberts expressed



his pleasure at the presence of such a fine audience and introduced as a fellow farmer and Patron of Husbandry, His Excellency Governor Robert P. Bass.

### GOVERNOR BASS'S ADDRESS.

It gives me great pleasure to represent the state of New Hampshire at the annual meeting of the State Board of Agriculture, because I am interested, both officially and personally, in the various fields of activity which this board represents. I want to address my remarks today to a subject which is of deep interest to all and of much importance to the state, namely, the question of state highway construction. This is a subject about which there seems to be some confusion, and one whose significance is as yet not fully understood. Let me first briefly outline what the state has undertaken to do, and how this policy has developed.

States and municipalities throughout this country are struggling with the problem of how to construct and maintain roads that will withstand the wear and tear of automobiles at a cost not ruinous to the community. If that problem is important in other parts of the United States, it is even more serious with us, because, being without great financial resources, we have undertaken highway construction on a large scale during an experimental period. I believe in good roads. I know that they are necessary, especially in our state. I am merely mentioning these facts to show the problem we are facing—a problem which must be worked out, not in one or two months, but over a period of years.

There are three kinds of state roads in New Hampshire: First, state highways authorized by special act of legislature, constructed and maintained entirely by the state. Second, trunk lines, built jointly by the towns and by the state, through means of the \$1,000,000 bond issue authorized in 1909. Third, those sections of highways in various towns which have been permanently improved with the help of state aid under the statute passed in 1905.



There are likewise three sources of revenue applicable to the construction and maintenance of the state roads I have just described. First, \$1,000,00 a quarter of which is available each year through the sale of \$250,000 of bonds annually for the years 1909, 1910, 1911 and 1912. Of this amount the last administration spent \$500,000. The \$250,000 available during the present fiscal year was spent in trunk line construction prior to the first of January. Under the law none of this fund is available until after the beginning of the next fiscal year, which is on September first. Any trunk line construction undertaken prior to that date is done entirely on money advanced by the towns. The proceeds of the sale of bonds can be used only for the construction of the trunk lines laid out by Governor Quinby; no part of it can be used for any road maintenance or repairs.

Section 19, chapter 35, Laws of 1905, as amended, provides as follows:

"But no proceeds (of these bonds), however, shall be used for the maintenance of highways or for any purpose except permanent construction or improvement as herein provided and for the necessary expenditures in the administration of this act."

The second source of funds is an annual appropriation of \$125,000. This appropriation is available with the fiscal year beginning September 1. It is to be used under the statute for the following purposes in the order named (I am now speaking in accordance with the opinion of the attorney-general):

First, to provide for the interest and sinking fund for the trunk line bonds which have been issued; secondly, for state aid to the towns and for highway maintenance; third, for the expenses of the administration of the highway law, including the cost of running the state engineer's office. And, finally, any sum which remains unexpended after these liabilities have been met is to be applied to the construction of the trunk lines. A considerable portion of this

money is still in the treasury, but it has been contracted for, and can be and will be used by me only for those purposes specified under the law.

The third source of revenue for state roads is derived from automobile fees. The proceeds of these fees up to the first of May, 1911, were added to the \$125,000 state aid appropriation and used for the same purposes mentioned in that act. From January 1 to May 1, 1911, they amounted to \$26,306.98. The proceeds of the automobile fees after the first of May of this year are applied under the new law to maintenance of state highways, 65 per cent to be applied to the maintenance of trunk lines and 35 per cent to the maintenance of those roads which have been permanently improved by the towns and the state jointly through state aid. This automobile money, applicable to trunk line maintenance, to July 1, amounts to about \$11,700. It is being used by the state engineer for the purpose provided by law in maintaining and repairing these roads.

The last legislature passed a law increasing automobile fees, but this increase does not go into effect until the first of January, 1912, consequently this increased revenue will not be available for maintenance until next year.

On the first of January, 1911, when I came into office, there was on account of the \$125,000 state aid appropriation, according to a statement furnished me by the state engineer, a cash balance of \$130,546.91. In addition to this amount there has become available since January 1, 1911, for the same purpose, the automobile fees from January 1 to May 1, amounting to \$26,306.98, making a total amount available of \$156,853.89. Subsequent to the first of January the following items have become a charge against this amount automatically under the laws: \$45,444.05 for state aid to towns for the year 1911; \$50,000 for sinking fund for trunk line bonds already issued; \$4,250 for interest on bonds, or a total of \$99,694.05.

Moreover, I have been informed by the state engineer that there are liabilities already incurred chargeable to this

fund more than sufficient to exhaust the balance remaining. These liabilities are for trunk line construction prior to January 1, 1911, unexpended balances for state aid application prior to January 1, 1911, and highway department administration expenses. As will be seen from these figures, this financial situation came about as a result of liabilities which had been incurred prior to the time when I came in office, as well as through liabilities which were incurred automatically under our state laws as now in force. It will be seen that, as I found this appropriation, there was no money available therefrom for the maintenance or repair of any state highway.

In this connection it is interesting to note that since October, 1909, the state has taken on 471 miles additional trunk line highways, and a further liability of over \$50,000 for sinking fund and interest on highway bonds, which is chargeable against the \$125,000 appropriation. Furthermore, under rulings of the attorney-general, the only money available for state highway maintenance this year is that coming from automobile fees, which is and has been used to preserve our state roads. These are the only funds available by law for highway construction and maintenance and they are all being used for these purposes.

In administering these laws it has been my purpose to use such sums as the legislature appropriated for the purpose designated by law, and not to spend more money in any fiscal year than the legislature intended should be spent for the construction and maintenance of our highways.

There has been some question as to whether the state can force the towns to maintain those portions of the trunk lines already designated but not yet built. In an opinion recently handed down, the attorney-general says:

"Under section 20, chapter 155, Laws of 1909, I do not think it is within the power of the governor and council to force cities and towns to maintain and repair those parts of designated trunk lines which have not as yet been constructed out of the joint fund."

The only method to force the proper maintenance of such unbuilt portions of the trunk lines is by indictment, a method not likely to bring immediate action. The council and I have already, by repeatedly appealing to some of these towns induced them to take action and repair the stretches of unimproved trunk lines, and we believe that before long these stretches will be in fair shape.

In my message to the last legislature, I called its attention to the question of creating a permanent highway commission and strongly emphasized the fact that more systematic attention and more money was necessary to take care of those roads which we have already built. I expressed my conviction that this should be done to various members of that committee of the house which had the highway bills under consideration and never expressed any other opinion. No such action was taken, however.

Further investigation and experience merely confirm me in my opinion that the care and supervision of highway construction and maintenance should not be continued in the hands of the governor and council, but should rest with a permanent board who may profit by the experience of succeeding years and carry out a continuous, definite policy for the whole state.

Under these conditions it is not astonishing if some people in the state have endeavored to make political capital of the difficulties inherent in the situation. In such efforts I am not interested, but I am grateful for any action that will arouse public interest in our highway problem, for the situation is going to get worse before it gets better, and I am speaking to you on this subject today, because I believe it behooves us all to get together and work out the problem carefully, constructively and, if possible, without any undue burden of taxation on any one community. At present my duty is to carry out the provisions of the law as it exists and make the money available, inadequate though it may be, go as far as possible.

The main problem, however, remains and will remain.

First, how to raise the money necessary for the adequate maintenance of our state roads. Secondly, to secure the best working plan for the permanent maintenance of these roads. At these problems I am now at work, securing such expert assistance as I can, both in and out of the state.

### THE DAIRY INDUSTRY.

As the second speaker of the afternoon, Chairman Roberts introduced President N. P. Hull of the American Dairymen's Association, who is, also, master of the Michigan State Grange, Patrons of Husbandry. Mr. Hull proved to be the story teller of the day, and his audience alternated between gales of laughter at his apropos anecdotes and vigorous applause for the sound sentiments he expressed. Mr. Hull began by saying that he had expected to address a gathering of farmers, but, remembering what Mr. Pattee had said about the best men in New Hampshire going into the professions and looking over the people before him, he had come to the conclusion that most of those present must be lawyers, doctors and ministers.

No boy can be born in America today, said Mr. Hull, who is too bright to be a farmer. No industry requires more of the intellect than does the proper cultivation of the soil. Give the farm a square deal by keeping the best boys on it. Teach them in the schools that there is a chance for them to show on the farms the best that is in them.

Our aim must be to sell as much as possible from the farm, to get as high prices for it as possible, and at the same time maintain and enrich the fertility of the soil. We farmers haven't always got a square deal from others, said Mr. Hull, referring particularly and humorously to the Canadian reciprocity treaty, but we wish to give a square deal to others, even to unborn generations, and to leave for them this land of ours richer and better than we found it. This can be done by live stock husbandry, and the best kind of live stock is the old dairy cow. Not for every man, perhaps: not for the man who likes horses or



sheep or hens better; but for the man who will treat his cow as a gentleman should treat a lady.

The dairy cow is more economical than any other animal; that is, she will convert her feed into an edible product for mankind at less cost than in any other way, except, possibly, that of the hen. Mr. Hull quoted figures to show the greater profit in milk and butter than in raising steers for beef, and alluded humorously to some of the comparative advantages and disadvantages of dairy farming and poultry raising.

No other factor in farm life will do so much as the dairy cow to eliminate the element of chance from agriculture. It is true, however, that some men stick to the dairy cow all their lives and gain from her but a bare existence. That is not necessary, and it is the fault of the man, not of the cow. Another man, a neighbor of the unsuccessful one, carrying on the same business on the same kind of land and doing business with the same people, will get all the best out of life. The difference is in the way of attacking the problem. To make a success of dairying a man must achieve, in order, proper breeding, proper selection, proper feeding and proper care.

There are at least three kinds of cows. One kind takes her food, digests it, assimilates it and turns it into flesh. She is a beef cow. The second takes her food, digests it, assimilates it and turns it into milk. There is your dairy cow; keep her and cherish her. The third kind takes her food, digests it, assimilates it, and then God only knows what she does with it. At any rate she is the kind of cow for which there is no use whatever on the farm and the sooner you get rid of her the better.

Mr. Hull gave an interesting account of two herds of cows not far from each other in Michigan. The owner of one got back from his cows but 76 cents for every dollar's worth of feed he gave them; while the other man received from his cows \$1.95 for every dollar of feed. This latter man was intelligent and painstaking; as for the other he



was not a dairyman, but merely a cowkeeper, and a poor one at that.

God gave the farmer brains as well as muscle, and especially to make as much and as good use of one as of the other. But as a class farmers do more work than they ought to do with their hands and less with their brains.

### THE NATIONAL GRANGE.

The last speaker of the day was the Hon. Charles M. Freeman of Ohio, secretary of the National Grange, Patrons of Husbandry, and a frequent visitor to New Hampshire, a fact to which he alluded in his introductory remarks, expressing his great pleasure at being back among us once more.

The grange, he said, is one of the greatest forces, if not the greatest, for the benefit of agriculture, ever organized in this or any other country. Mr. Freeman graphically depicted the condition of the country agriculturally and otherwise at the close of the Civil War, and pointed out that then began the great era of organization of industry throughout the nation. In this era the grange had part.

Ever since its beginning the grange has stood for the people and their interests. Early in its life it had part in that conflict over the relations between the government and the transcontinental railroads in which it was finally determined that the creator is greater than the creature; in other words, that the people are supreme.

The grange stands and has stood for a square deal between the people and the corporations. For that reason it has helped to enact, enforce and strengthen the interstate commerce law. It claims much of the credit for the establishment of the national department of agriculture, which is unequaled by any other government department in the amount of good it does the country.

Mr. Freeman paid a high compliment, which the audience applauded, to Dr. Wiley and his pure food laws, saying that the grange thoroughly believed in this man and his work.

The grange has said and insists, continued Secretary Freeman, that the farmer needs and must have equality of opportunity. With this in mind it championed the cause of the rural free delivery of mail, one of the first successes of the grange, and today one of the most popular branches of the government service.

We are in favor of the election of United States senators by direct vote of the people. We haven't got it yet, but we can see it coming, and when it gets here its operations will furnish another evidence of the far-seeing wisdom of the grange. We have opposed ship subsidy and we do now; and we count it as much to our credit to accomplish its defeat as to secure the passage of the measures which we favor. We want a parcels post and we are going to get it. And in this connection let me warn you not to be led astray by the penny postage scheme and other side issues. Be willing to pay a fair price for your postal service, and have that service all that can be desired for our full benefit. We want good roads and we are getting them. The farmer needs them as much as the city man and will get more real benefit from them.

Mr. Freeman discussed vigorously the treaty of reciprocity with Canada, and gave high praise to National Master Bachelder, Aaron Jones of Indiana, T. C. Atkeson of West Virginia and others for the great fight which they had waged against it. Their opposition, he said, was based upon adherence to the genuine grange principle of equality for all classes before the law. The attack upon us through this bill was unexpected. Its friends sought to introduce it and to rush it through in the dark, as it were, before we farmers woke up to what was going on. In that they were disappointed, and we want to assure you that the grange is awake and is going to stay awake to all that concerns the farmer and his best interests.



FIELD MEETING, 1912, AT HAMPTON.



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The annual field meeting of the New Hampshire State Board of Agriculture at Hampton Beach known throughout New Hampshire and northeastern Massachusetts as "Farmers' Day," was held in 1912 on Wednesday, July 31, and its success was fully equal in all respects to the notable record of its predecessors.

The usual business meeting of the board was held on Tuesday evening, and arrangements made for the series of farmers' institutes in every county of the state, and for the winter meeting of the board, which will be held at Colebrook, January 16 and 17, 1913. The State Dairymen's Association will be invited by vote of the board to co-operate in this meeting. Much to the regret of the members of the board the chairman, Hon. Joseph D. Roberts of Rollinsford, declined further service in that position on the ground of physical disability. Hon. Herbert O. Hadley of Peterborough was elected chairman, Hon. Nahum J. Bachelder of Andover, secretary.

Weather conditions during Wednesday were various and at times discouraging, a heavy fog in the morning clearing away beautifully towards noon, only to be succeeded by a very heavy shower in the early afternoon. But the people came, nevertheless, thousands of visitors thronging the beach during the day, while the opera house, where the exercises were held, was packed, particularly in the afternoon, by interested auditors. Orchestral music interspersed the program and a special dinner was served at noon for those attending the meetings.



## CHAIRMAN HADLEY.

In taking the chair at the forenoon session, Chairman Hadley explained the unexpected circumstances under which he found himself in charge of the meeting and paid appropriate tribute to the long and faithful service of retiring President Roberts. Mr. Hadley extended a cordial welcome to all present and expressed the hope that they would obtain entertainment and enlightenment from the program provided.

He gave a brief review of the history of the State Board of Agriculture, which, he said, was founded in 1825 by legislative act, to consist of the presidents of the various agricultural societies of the state. This organization was short-lived, issuing but one report and holding but a few meetings. In 1870, another legislative act constituted the board upon its present basis of one member from each county, with authority to choose a secretary or executive officer not a member of the board. The duties then prescribed were simply to hold farmers' institutes and to stimulate generally interest in agriculture; but almost every session of the legislature that has followed has added one or more duties to the list, such as the suppression of bovine tuberculosis and other diseases in cattle, the scientific analysis of commercial fertilizers and the publication of the results thereof, the protection of nursery stock, and so on.

Mr. Hadley passed from the state to the nation, saying that farmers are, or should be, interested in everything which pertains to the welfare of the whole people. The national government has been liberal in its treatment of the agricultural interests of the country, but there is still much to be done and which it should do on this line.

Our government is spending too much money in time of peace to prepare for war. (Applause.) Mr. Hadley gave striking statistics to show the great amount of money locked up in the world's military and naval armaments and the enormous percentage of our government expendi-

tures which go into ships and guns. He pointed out that these very costly battleships are exceedingly shortlived, not one of Admiral Dewey's Manilla fleet being now in commission, and only one of that splendid fleet which sailed around the world but a few years ago. One of our great ships, that cost \$1,500,000 to build, was sold at auction recently for \$20,000.

Better that these enormous sums should be expended in behalf of education and of agriculture, rather than in attempting to maintain the ancient doctrine of might makes right. One of the duties and privileges of the farmers of the country should be to exert all their influence towards international peace by arbitration. We have made wonderful progress on many lines, but not on all; and this is one where we have been tardy.

#### POSSIBILITIES OF NEW ENGLAND SOIL.

As the first speaker on the day's program, Mr. Hadley introduced Dr. H. J. Wheeler, director of the experiment station at Kingston, R. I.; who spoke upon the soils of New England, and began by registering a protest against the idea that New England soils are exhausted. New Englanders themselves have done New England positive harm, he said, by talking about the exhaustion of our soil.

The truth is that New England soil is not seriously exhausted. It only requires a little doctoring to produce as magnificent crops as any section of the country. But soil is not the simple proposition we once thought it was; not merely a mass of mineral and vegetable matter. It is teeming with animal matter, a fact which much increases the complexity of the problems of its management. New England needs nitrogen. It is true that some crops, such as the legumes, are independent of nitrogen; but others, grass, for instance, need nitrogen the most of all elements, and the high price of hay adds to the importance of this fact. Doctor Wheeler told of interesting experiments on this line in Rhode Island, and made the statement that the farm-

ers of New Hampshire, by the proper use of nitrogen, could increase their net return on their hay from \$5 to \$10 an acre.

Farmers are not making the most of their opportunities. In every New Hampshire cornfield left idle during the winter hills are lying hidden. Sow crimson clover at the last cultivation of the corn, and increase your income from that field \$4 an acre. The study of crop rotation is greatly neglected, when one considers to what an extent the ratio of profit from the farm is dependent upon it.

The speaker told of restoring exhausted land in Rhode Island by seeding it down to grass and clover, first, followed by corn and potatoes, and laid emphasis upon the necessity of starting right in the matter of crop rotation. Experiments, which he described, with alfalfa, in every town of Rhode Island, showed that in some towns a liberal application of lime to the soil was necessary before anything could be done with this crop. "Clover sick" lands were discussed, the cause for them, and the remedy.

Doctor Wheeler paid tribute to the good work done by the New Hampshire experiment station, and urged the importance of making it possible for it to demonstrate its work on individual farms in every section of the state. This can be and is done in Rhode Island with particular ease because of the small size of the state, but it is the crowning effort of the work of agricultural education everywhere.

#### THE NEW HAMPSHIRE EXPERIMENT STATION.

Mr. John C. Kendall, director of the New Hampshire Experiment Station, was present, and, although not expecting to make an address, welcomed the opportunity to say a few words about the work of his institution, which, he said, was not doing all it wished to do, but certainly was doing something.

"We want," he said, "your hearty support. We have been receiving it and we are confident that in the future

we shall merit it and shall continue to receive it. We are eliminating the defects which we find in our work as fast as we can, and we are trying to take up that work which shall be most profitable for the farmers of the state."

Mr. Kendall gave notice of the annual "Farmers' picnic" at Durham on August 15, and urged all those present at Hampton to make an effort to attend this other somewhat similar occasion. Speaking of extension work, he said that much is being accomplished on this line all over the country and more is coming, for this is bound to be the next great development of agricultural education. We have got to take the knowledge accumulated at the agricultural colleges and experiment stations out to the farmers and demonstrate it to them on their own farms. What this sort of knowledge means is shown, for instance, in an orchard by the difference between trees cared for and neglected, and news of this kind spreads quickly.

Extension work in connection with the New Hampshire Experiment Station began only September 1, 1911, and the appropriation therefor is but \$2,500 a year, but some results worth while have been accomplished already, as many of you know. The national government is interested and eventually we shall get aid for this work from that source, for it is becoming generally recognized that in this way we reach thousands where the work at the agricultural college and the experiment station itself can touch but hundreds.

"At Durham we are teaching the boys and girls to make the most of their lives, and we are trying to show them that many of them can do so by staying by the farm, by sticking to agriculture. Every young man of our graduates who becomes a successful farmer advertises our New Hampshire college and brings it further support. The greatest handicap to New Hampshire agriculture lies in the fact that we ourselves do not seem to believe in the New Hampshire soil and its possibilities. If we only have faith, results will be forthcoming. One of the secrets of the suc-

cess of the wonderful West is the pride the young men out there take in their farms and in the possibilities of their calling of agriculture. That is what New Hampshire needs."

REMARKS BY AARON JONES.

The audience were given an unexpected treat at this point by the introduction of Aaron Jones of South Bend, Indiana, past national master of the Patrons of Husbandry. In presenting him Chairman Hadley said that in New Hampshire the work of the grange and of the Board of Agriculture was so successfully mingled as to be inseparable.

Mr. Jones, in expressing his pleasure at being present, said that when he made his first visit to New Hampshire, twenty-one years ago, he formed and expressed a resolution that he would come to the Granite state for a part of every succeeding year, and with but two exceptions he has kept his resolution. In pursuance of this resolution, but in ignorance of this meeting, he had come up from Boston the day before, and was indeed pleased to find himself in the company of so many old friends. Mr. Jones paid tribute to the exhilarating air of New Hampshire, its large number of Patrons of Husbandry and its general good citizenship. This last quality, he said, should be a result of the best agricultural education, as well as increased knowledge of the soil and crops. The end of all education, whether in city or country, should be the harmonious development of all that makes for a well-rounded life.

The farmers of the country have been standing in their own light. Instead of moving on and on, searching for new land, they should stay at home, on the old farm, and bring out its full possibilities. They should take the discoveries and teachings of science to the farm and demonstrate there its theories and principles. The farming of the future will be less and less a matter of physical labor and more and more a scientific profession. The business



faculty, too, must be developed among farmers, so that the middleman will not be allowed so great a share of the receipts from products of the farm. The profits and the pleasures of the farm can be quadrupled by that intelligent coöperation which is one aim of our agricultural colleges, our granges and our state boards of agriculture in their campaigns of education.

The address of Past Master Jones concluded the morning session. After dinner the chairman introduced as the first speaker the state superintendent of highways, Mr. S. Percy Hooker.

### THE NEW HAMPSHIRE HIGHWAY PROBLEM.

Mr. Hooker said: "It has been suggested that I take up the general subject of 'Highway Problems in New Hampshire.' The question of the construction and maintenance of highways is a vital one in every state, and is at present the bugbear of all highway departments. Highway building is not and never can be exact science. General rules for construction will probably sooner or later become established, but the exceptions, owing to local conditions, will always be far greater than in any other class of engineering.

"I am not at all satisfied that any highway expert, at present, in possession of all the facts and with unlimited money, can state positively what is the best road for a given locality, and when this is complicated by the changing conditions of traffic and the limitations as to the money to be expended, it becomes a guessing problem, rather than one of solution which can be absolutely worked out. I think it is particularly difficult in New Hampshire because of the large mileage and the limited valuation of the state.

"The states most advanced in scientific road building, citing especially Massachusetts and New York, have both of them a large city population; a large proportion of the money furnished for the building of these roads comes from the cities. In New York State, of every \$100,000 furnished by the state for the building of roads, New York



City itself furnishes \$80,000, and this proportion allows the building of an expensive road entirely at state expense without in any way grievously taxing the locality in which the road was built. In New Hampshire the locality itself, in most instances, pays an approximate proportion of the tax, and if \$100,000 is expended in a given locality it practically becomes a charge upon that locality.

"If the class of roads which are clamored for as being the best roads are built, in many instances the road will cost more than the assessed valuation of the land abutting thereon, and it cannot be expected that the owner can or will stand such taxes. The result, therefore, must be that the roads built should be, not the best and most expensive roads, but the best that the state can afford. This means in most instances that local materials must be used, and in localities where the best material cannot be obtained it means the building of a road which scientifically cannot be considered the best road. It also means that in some sections better roads may be built at the same cost than in others. It means that where the best gravel cannot be obtained, you must use the most effectual substitute.

"If the town adjoining yours has a sufficient quantity of first-class gravel, while your town is deficient in this material, it means that the town adjacent will have a better road than your town, though equal care has been taken in the construction of each road. All you can expect or obtain is that for every dollar's worth expended upon the road you have obtained one hundred cents of value. If the road built lies adjacent to a railroad station, where trap rock may be imported at a reasonable freight rate, and with only a short haul from the railroad siding to the place where the road is located, then, in many instances, it will be economy to build a shorter section of road of a better quality. If these conditions are reversed, however, it may be true economy to build a class of road which never can be considered a first-class road.

"The question of maintenance of these highways is so

involved in the method of construction that this also must be carefully considered. I think there is no greater fallacy than the general belief that any road is a permanent improvement. The only permanency in road building is in the change of alignment and the reduction of grade. The surfacing or building of the road proper is in no sense permanency.

"It may be well just here to call attention to the fact that the more expensive the road the greater the cost of maintenance. The various forms of bituminous construction which are now in use require a greater cost for maintenance than any other class of road, and if this maintenance is neglected the high class of road will deteriorate more rapidly and will become in a short span of years of less value than the cheaper classes of construction. Considering bituminous construction as the highest type next to a pavement, which may be built of brick, concrete or wooden block, it must be conceded that the annual maintenance on the last three types will be much less than on the bituminous road, but the added cost of construction of these latter types will entail an interest charge which equals the cost of maintenance of the other type.

"My conclusion in regard to road construction in New Hampshire is that only on so-called tourist routes should the cost of a mile of road exceed from \$3,000 to \$3,500, and this means absolutely that in most sections the roads must be built of gravel, and that with proper attention to drainage in the first place these can be maintained for about \$150 per mile, and maintained in such a way, except for the dust nuisance, as to be a good road during all seasons of the year. A trap rock cannot be constructed for less than \$7,000 or \$8,000 per mile, and the proper maintenance will require from \$400 to \$500 per mile annual expenditure. With the present traffic, it is almost impossible to keep a water-bound macadam road from raveling and disintegrating without the application of a bituminous oil or tar upon its surface at least two years out of three.

"Along the line where traffic is congested and a large number of automobiles pass over the road each day, it is necessary to apply a dust alleviator upon even the gravel roads; but experience shows that a lighter and cheaper oil may be used upon a gravel road than is satisfactory upon a macadam road. The bituminous macadam road built by either the penetration or the mixing method will cost from \$10,000 to \$11,000 per mile, and in order to keep and maintain this properly there must be renewed surface applications which will run the annual cost of maintenance up to \$500 per mile. So, contrary to the accepted opinion, the more expensive roads built, the more it will cost to maintain them.

"One unfortunate condition in this state is the fact that the towns have so little annually to expend upon construction. A great deal has been said and written about the economy of contract work as compared to that of having the town officials build the state aid roads. From my experience so far in this state, I am inclined to differ very radically from this statement. Where the total amount to be expended is less than \$5,000, I am almost certain that better results may be obtained through the town officials than through a contractor. The reason for this is obvious. If the town owns sufficient machinery to build its roads and has a capable foreman or road agent, the town obtains the full value of every dollar expended. If a small contract is advertised the contractor must consider first the placing of his equipment upon the ground, and I have found that almost universally this is considered as a charge of at least \$300. The contractor then estimates what the actual cost of the work will be and to this adds from 15 to 20 per cent for the rental of his machinery and his personal profit. On a \$3,000 contract, therefore, the contractor must and does estimate from \$600 to \$700 as his profit, leaving on a contract of this size only \$2,300 to be actually expended for labor and material.

"It is doubtless true that a contractor's organization is

more efficient than a local organization, that he obtains more from each laborer in the way of work, and that his teams transport materials at a less rate per mile than the local teams, but I cannot believe that the local authorities only obtain 75 per cent of the efficiency that the contractor does. And especially a contractor who is willing to bid upon contracts of this size. The larger the contract the less the contractors' so called overhead charges, and on a contract in excess of \$10,000 it is ordinarily wiser to use this method, but a larger majority of work done in this state per year in the towns is less than \$2,000, and the illustration given is conservative rather than excessive.

"Furthermore, there is so much work being done by other states which are able to expend larger sums in a given locality that the experienced contractor seeks these larger jobs. Conceding that he makes his fixed charge for moving his equipment, there is still a delay for him of at least a week, when he transfers from one place to another, and it is hard for him to keep up his organization and not lose his labor, so that every contractor who is much experienced is seeking for one job which will enable him to keep busy all summer, rather than a succession of small jobs. I have in mind one town, the selectmen of which are very much averse to doing their own road construction, and which I have advertised three times without obtaining a satisfactory bid or a single bid which I do not think to be 30 per cent too high. So my conclusion is, that in most of the towns in New Hampshire the work must be done by local authorities. I know the tendency of the local man to employ his friend upon the road and to "play politics" in a small way, but with suitable supervision this evil can be greatly lessened, and I do not feel that it overbalances the stated objections to contract work.

"One of the greatest problems, not alone in New Hampshire, is that of maintenance. It is not enough to build a good road. The phrase 'a good road is never built but always building' is absolutely true. From the moment that

construction ceases, maintenance must begin. The great fault of all highway laws in their inception was the idea that the state should aid in construction, while the municipality should maintain. Naturally the town or municipality felt that having expended a large sum of money in the construction of a road, this road had already received an undue share of the town's highway money and should have no more expended upon it until roads in other sections of the town had been improved. This was absolutely fatal, and the roads properly built, so far as existing knowledge of road building went, went to pieces in a surprisingly short time. There was hardly a locality in the United States that realized the necessity of constant supervision. Over 50 per cent of the highways built by state aid in the United States prior to 1908 were allowed to deteriorate to such an extent that resurfacing was the only remedy. In practically all the states it is now conceded that the maintenance of these roads must be placed in the state in order to obtain efficient results.

"The legislature in New Hampshire recognized this fact in its passage of its motor vehicle law in its last session, which made available for maintenance purposes the license and other fees for this purpose solely. In sections of the state a patrolman has been kept at work upon the trunk lines, and as a consequence these roads have improved rather than deteriorated during the summer. The proper use of a road hone, or a split log drag, is the most efficient means of maintaining a gravel road. This should be used after every rain where the surface has been thoroughly wet. You can thus keep the shape or cross section of the road and prevent the tendency to flatten, which all such gravel roads have. If the water runs off from a road instead of standing on it you greatly lessen and practically remove all, so-called, pot holes and have gone far towards keeping the road in condition.

"The chief error in building roads is lack of attention to drainage, not perhaps to the worst sections, which are



originally taken care of, but in places where there is only a limited amount of water and where, in the interest of economy, the engineer tries to get along without a culvert or an under drain. This frequently leaves the road in such condition that surplus water standing in it softens the surface of the road and allows traffic to break through. The road is condemned as being built of material which was unfit, when, as a matter of fact, if the road proper had been kept dry there would have been no complaint. The use of road bone shapes the road so that the water runs rapidly into the ditches and, with a patrolman who keeps his ditches open, the road may be kept in good condition where without such constant care it would practically become no road at all.

"A patrolman with horse and cart, at a cost of practically \$600 a year, can keep seven to ten miles of road in condition, and leave the road practically in better shape than when he began work upon it. His last duty before winter sets in should be the final cleaning out of his ditches, the removal of the leaves and refuse so that each drain and culvert will do its proper work.

"One of the great problems in New Hampshire is the care of the town roads. There is no provision in the law for advice or supervision, as to the treatment of the subsidiary roads. In many cases there is only one instrument used in the care of these roads, and from the samples I have seen I think it is a question of abuse and not use of the road machine. I find a general dissatisfaction exists as regards the road machine. I am told that a predecessor of mine made the statement that if he had his way he would destroy every road machine in the state. I differ greatly. In many cases, the road machine may be used to far greater advantage than any other instrument. It will properly shape a road which is entirely out of section, but it seems to me that in most instances it is used unthinkingly and unknowingly. If a town, instead of endeavoring to use the machine on its entire road system each year, and



so far as I can see this seems to be the habit in many of the towns, would plan its work the preceding year and only treat one quarter of its highway mileage with the machine, I believe great good could be accomplished by its use. In the first place, no road can be built by the road machine. If your road agent intends to use it next year upon a road, he should this fall cut his bushes, determine the width of his roadway and plow the highway outside of the beaten track to that width. He should straighten his curves where possible in laying out the road, and leave the material in the furrow until the next spring; then use his road machine to the extreme edge of his plowed line, so that his ditch line is where it was proposed to be, perfectly straight and graded so as to carry the water, then scrape the new material into his road. He should have a team following and men raking it and removing not alone the stone which he has drawn to the center of the road, but all the sod, grass and vegetable matter which by this time has partially decayed, so that his finished road bed consists of the new material which comes from the bottom of his plowed furrow. Great care should be exercised as to his ditches. He must have a grade line and carry the water to some point where it may leave the road. On the side hill road a culvert may be necessary, but frequently if he gives proper attention to his ditch line he can find places where it may be turned from the road on its own side and save the expense of a culvert. He should remember that the three principal things in building an earth road are, first, drainage; second, drainage; third, drainage.

"The crown of his road should not be over one inch to the foot. Water will run as easily down this grade as though it was twice as high, and the road will be perfectly safe. Properly treated, it should not be necessary to use the road machine on this road again in five years. If he will supplement this road machine work by use of a hone or drag, the road may be kept in first-class condition during that entire time at an expense of less than a third of what

it would cost to annually go over it with the road machine. This sort of treatment is use of the machine. The abuse consists in what is usually done in this state. The ground is full of water, and the road machine is run on each side of the road, just touching the ditch line, throwing the worn-out material back into the center of the road. The sods are scraped to the center of the road, together with the roots of the bushes and other vegetable matter, and the road is continuously narrowed. The decaying vegetable matter in the road leaves a succession of pitch holes, which hold the water and allow it to remain on the road, even though the road agent has graded it to a pitch of two or three inches to the foot, as frequently happens.

"I have seen very few instances where any attention has been paid to the ditch line. In soft material the edge of the blade scoops out a hole which holds the water and keeps the road muddy for an indefinite time. The road the next spring slides back into the ditches, and the process is repeated until practically there is not an ounce of road material scraped back by the road machine which is of any value. I cannot too strongly condemn such abuse nor too highly commend its proper use.

"I know and fully respect the feeling of independence in town matters. The selectmen and road agents of the town have rather grudgingly and unwillingly consented to the supervision by the state department in the construction of roads which are receiving a portion of the state's money, receiving state aid, and many of them would feel that where the town raised the entire amount, it was usurpation of authority to have the state interfere in any way; and yet I do not think satisfactory town roads will ever be built until there is some such supervision. There need be no conflict of authority. The town should be absolute as to the amount of money it raised and the selectmen should have the say as to the expenditure of that money; but before expending it they should file with the state department their scheme and plan, and that department should advise as to its carrying out.

"In conclusion and in a very broad way, my idea of the solution of New Hampshire's highway problem is, first, when building roads, reduce the grades and take special care of the drainage; second, use the material which is available for surfacing, whether it be best material or not; third, see that the roads are constantly maintained by a patrol or similar system; fourth, establish closer relations between the town highway departments and the state.

"I thank you for listening to this rather scattering talk. I have only touched upon a few of the problems. They are not arithmetical ones. They cannot be worked out by set rules. Their solution can only be found by the use of common sense and by experience.

"Increasing amounts of money will constantly have to be expended upon highway construction and maintenance. The road that is 'good enough today' is a 'poor road tomorrow.' Road building in the future will expand as your educational system has expanded, and the roads twenty years from now will bear the same relation to the roads of today that your high schools bear to the district schools of the past. Your road agent will be selected as your teachers are, for fitness and not personal popularity, and when this comes you will have roads which will permit the tourists to see all your magnificent scenery. Your hill farms will be purchased as summer homes, an era of prosperity will begin which will demonstrate that good roads have done as much for New Hampshire as for any state."

### THE GRANGE.

The closing address of the day was by Oliver Wilson of Peoria, Ill., the present master of the National Grange, Patrons of Husbandry, who spoke as a representative of that order, which he declared to be the greatest agricultural organization in the history of the world, which has left its impress upon the life of almost every state in the Union through its influence upon their agriculture, and nowhere more than in this great little state of New Hamp-

shire, where more grange work is done in proportion to the population than anywhere else in the country.

The first object of the grange, according to the national master, is to unite all the agricultural interests of the United States, North, South, East and West, in support of the farmers' interests in all great economic questions. The grange has done more for the education of the American farmer and, through him, for the whole cause of education, than has any other organization. It has placed agriculture upon a high plane, and it has supported legislation to better the condition of the great masses of the people.

The grange secured for agriculture a place in the cabinet of the president. It secured for the former rural free delivery of mail, and for the whole people postal savings banks. It never has advocated a measure of legislation which either has not been enacted or is not still being pushed with surety of final success. In this latter category comes the parcels post, much of the opposition to which is the result of misapprehension.

Each and every subordinate grange is or should be a school of higher grade for the discussion of agricultural science and domestic economy. The grange is not a selfish organization, but has as its aim to bring producer and consumer into the closest and most economical relationship possible. If its purposes were thoroughly understood, the grange would have the sympathy and support of every consumer, between whom and the producer there are now too many intervening profits.

We must cut down the cost of marketing the products of the farm. There is no doubt about there being a profit in agriculture, but the question is, Does the farmer himself get his just share of the profits? He has nothing to say about what he shall get for his produce. He never sets his price, as it should be his right to do. But if the grange accomplishes that for which it was intended, it will remedy this state of affairs and bring about some sort of coöpera-

tion which will reduce the high cost of living and at the same time give the tiller of the soil his due.

The grange will further improve the rural schools. It will keep the boys and girls on the farm and give them as great opportunities there, offer them as much chance to make money, as in any other business, occupation or profession. The great centers must be built up and their life constantly replenished, their strength renewed, by drains from the rural districts. But let us keep the best and brightest boys and girls on the farms and make the second-raters do for the cities.

The A No. 1 twentieth century farmer must be an all-around man, the best educated and most capable man of his community, and he should be as well the best paid. The grange should increase the political power of the farmers in America. There should be more than two real farmers in the United States senate, and there will be when the direct election of United States senators by the people comes, as it is coming, soon. The farmers of this country should stand for better conditions all along the line, and this their organization, the grange, is doing and will continue to do.

SOME NEW HAMPSHIRE FARMS  
AND FARMERS.





## SOME NEW HAMPSHIRE FARMS AND FARMERS.

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BY RICHARD PATTEE, PLYMOUTH.

If a person of sound judgment should canvass the agricultural situation today, visiting all sections of the state, watching the actual operation of farms, talking with farmers and business men, studying methods, possibilities and prospects he would be impressed with the spirit of confidence and hopeful expectation everywhere.

A few years ago a farmer felt called upon to defend himself for being in the business. Now he holds up his head with a sort of "don't-you-envy-me" attitude. He doesn't seem to feel when he meets you that he must explain why so good a man as he stays on the farm. It would surprise some people to know the grade of intelligence found on our New Hampshire farms. Young men capable of success in other vocations or in other places are staying on our farms in increasing numbers. They are qualifying for success by studying modern methods and the conditions surrounding them. They are fearlessly breaking away from traditions and precedents and are introducing a new agriculture to the old acres. The land is immovable and to a large extent unchangeable. How well it responds to the demands of its owner depends largely upon his intellectual, financial and physical ability. The success of farm operations depends upon the farmer. It is pleasing, therefore, to know that in almost every community there is a group of up-to-date farmers who farm to win,—and win. Some are even ahead of date. There are overzealous ones whose lavish or extravagant expenditures and expectations are hardly justified by present conditions. It is not intended to

describe the operations of fad farmers or of those whose plan is impossible to the ordinary man who would farm upon strict business principles. The greatest encouragement to better farming and more of it can be found in some knowledge of the operations of common sense, practical men who have made farming successful in the past and promising for the future. Fifty-three such farmers were visited this summer by the writer.

JOHN E. POTTER, CONWAY.

One of the strong, sound, quiet men in the House of Representatives last winter was John E. Potter of Conway. Mr. Potter was down in his twenty-acre cornfield at the head of a gang of ten men, hoeing, when we called upon him. He is a corn grower, a sweet-corn grower. He learned and ran a corn canning business. Six years ago he bought a big intervale farm between the Swift and Saco Rivers, a mile out of Conway village. At that time it would carry twelve cows and three horses. Then Mr. Potter began to raise corn,—sweet corn. When the ears were ripe for canning he sold them to the canning factory. The stalks he cut for ensilage. He started a herd of thorough-bred Holsteins. The milk he sold at retail in Conway. Now his farm is carrying thirty-five cows and six horses. He sells an average of 450 quarts of milk a day. His collections in 1910 were over \$6,000. Many of his cows have been officially tested and they are among the best producers in the state. Under capable, business-like management, his farm has paid from the start. He has cleared 50 acres of woodland for pasturage, has doubled his barn room and built two silos. It takes 150 tons of ensilage to fill them. His sales of sweet corn from the 20 acres bring him \$2,000. His farm scheme is on a scale that calls for first-class business ability. Mr. Potter makes it pay handsomely, and he finds time for an active participation in the public life of the community. He is a moving spirit in the grange, of which he is a charter member.

"This is not an exceptional farm," said Mr. Potter. "There are many others in the Saco valley that could be made to do as well or better by the right kind of management. The farms are all right."

There is a splendid chance in that region for more men like Potter.

JOSEPH D. ROBERTS, ROLLINSFORD.

There is a sort of Virginian "first family" class of farmers in southeastern New Hampshire, farmers whose ancestors have owned the land these many years. Joseph D. Roberts of Rollinsford has spent his life upon the ancestral acres. His father was a candidate for governor of the state. Mr. Roberts is president of the Board of Agriculture, treasurer of the State Grange and he has occupied many positions of preferment in his town and county.

"Hill Top Farm," as it was named with appropriate ceremonies some years ago, contains 240 acres which usually cut about 175 tons of hay. Last summer Mr. Roberts had 25 cows, 15 yearlings, 6 calves, 3 bulls, 2 hogs, 13 pigs and 6 horses. There is an orchard of 200 apple trees on the place. The farm is equipped with modern machinery and buildings. The surroundings of the home bespeak the comfort of high class, progressive farming.

"I have managed this farm through periods of discouragement and depression," said Mr. Roberts, "but always had an abiding faith in the business. I have raised a large family of children and have always had a happy home.

"Whether or not farming pays depends on the farmer. Any young man, reasonably intelligent, with push and a good companion to share the work and pleasure with him, who is interested in the calling, ought to get a good living and set aside every year as large a per cent of profit on his investment as our savings banks will pay. Considering the proximity of our markets, the universal demand for all our products, and the fact that less than 35 per cent of our people are producers, instead of the 85 per cent of years

ago, I certainly feel that farming in New Hampshire—that is, intelligent, up-to-date, progressive farming—will improve as a business from now on. One of the drawbacks to successful farming is an unreasonable desire to ape the city man's ways. Production, not fad farming, means success in our state; economy without parsimony. 'Give as the Lord gives you,' to the church, the school, to society and to the farm, and the complaint that farming doesn't pay will be a thing of the past. I think farming as a business in the old Granite State is moving forward."

Certainly Mr. Roberts has made farming pay in a larger way than financially alone, if success be indicated by home comfort and a happy family.

FRANK H. DUNLAP, SALISBURY.

If you are interested in the possibilities of poultry farming get in touch with Frank H. Dunlap of West Salisbury. Mr. Dunlap has made a wonderful record through the exercise of good judgment, systematic accounting and hard work. He has kept records from the first, showing every cent of income and expense in connection with his poultry plant. Mr. Dunlap likes to tell the story and to show the books which verify some startling statements of profit.

Twenty-five years ago he was a clerk in a store at Tilton. His father was taken sick and he returned to take charge of the little corner grocery store, in a cross-roads hamlet, six miles from the nearest railroad station at Andover. Mr. Dunlap was married and he didn't like to give up the opportunities or the income of a larger place for the mere living that could be made in the little store. It was duty, not inclination, that brought him back to West Salisbury. His father had about twenty hens when Mr. Dunlap began caring for them and keeping strict account of what they cost and what they earned. The second year he was in the business his hens enabled him to build a \$200 henhouse.

"My neighbors thought I was crazy," said Mr. Dunlap, "but that year my hens paid for another house, a little

better than the first and so on, until now I have a comfortable home, a good poultry plant and a profitable business, all paid for by the hens, and there is a comfortable balance left."

Mr. Dunlap's books show that out of the profit of his poultry business he has paid out \$6,148 for equipment, including a splendid, modern dwelling house in which he lives. He has paid out \$11,387.97 for grain alone. The average cost of eggs per dozen has been four and one tenth cents, and Mr. Dunlap has cleared on his poultry \$13,400.41, out of which should be taken the cost of buildings, leaving him a net cash profit of \$5,362.41, which he says is the money he has had the fun of spending. I have only two and a half acres of land and I never keep more than 500 hens, usually less than that, and my business is but a small sample of what could be done on a farm," said he. "When my boys got old enough to help me feed I gave each one of them a pen of 30 hens for his own. The boys paid for the feed used and I paid them the market price for eggs. One boy cleared \$42.30 with his 30 hens in the months of December, January and February. Of course, I selected the hens for the boys and saw to it they got fairly good ones." And Mr. Dunlap's eyes twinkled with a merriment that would have been appreciated by many a farmer's son in days gone by when the boy's calf or colt has been the one to be sold for money that he never saw.

#### D. M. BOYD, LONDONDERRY.

How hard work, good judgment and sound health can win out on a New Hampshire farm is the story of D. M. Boyd of Londonderry. Mr. Boyd is in the fifties. Some years ago he bought out his uncle's share in a 500-acre farm, 100 acres of which are under cultivation. Last year his buildings and 40 valuable cows were destroyed by fire. He immediately built a modern stable and hay barn equipped with modern appliances for handling feed and



milk. Now he has 80 cows and produces high grade milk for the Boston market. Mr. Boyd has worked hard all his life, but he has not confined his interests to his own operations. He has represented his town in the legislature, been a town officer, and was building state road last summer when interviewed. His farm cuts 150 tons of hay and 200 tons of ensilage besides other crops. The new two-story modern farm home, which was nearing completion, is splendidly situated, and will be a monument to the possibilities of the land and the man behind it.

Milk was selling for 19 cents per can delivered at the station last summer. "I believe that when the consumers in our large cities can be made to realize that milk is the most nutritive of all animal products and that we are producing it in large quantities under sanitary conditions, they will be glad to pay a price the year round that will enable a farmer to make a decent living and a fair profit in this business," said Mr. Boyd. And here again was the hopeful view of a man with good sense and enterprise.

#### DAVID T. ATWOOD, BRIDGEWATER.

It is a genuine pleasure to meet David T. Atwood of Bridgewater on his farm. He is a big, strong, hustling, intelligent young enthusiast. His parents went from New Hampshire to Chicago where he was born. They returned when he was a small boy, and when he was thirteen his father bought a 300-acre rundown, river farm. It only cut three or four tons of hay on 50 acres of field land. They kept what cows the place would carry and raised small fruits for a cash crop. Since he was sixteen years old David has had charge of the farming operations. In the winter time he has worked in the woods, handling thousands of cords of wood and operating extensively in soft wood lumber. A few years ago Mr. Atwood became interested in the short courses at the College of Agriculture at Durham, and has spent considerable time at that institu-

tion every season. Three years ago he bought a hill farm of 400 acres. It had been a productive farm, but was deserted for years and little had been done to keep the land in condition. The year he bought it the 40-acre field cut some 18 tons of hay. This year five acres of that land cut over 12 tons. In 1910, 12 acres of the field were planted to potatoes, yielding 3,250 bushels. On one acre more than 400 bushels were raised.

Mr. Atwood's scheme of farming contemplates the production of hay, potatoes and sheep. This year he had 18 acres in potatoes, 10 acres in ensilage corn for the sheep and other crops common to the vicinity. Shropshires are the breed of sheep Mr. Atwood raises. He stated that he intended to raise all the grain his farm animals consumed and plans for at least 20 acres of oats another year, part of which will be cut for green feed. Mr. Atwood is president of the New Hampshire Potato Growers' Association, vice-president of the union Grange Fair Association at Plymouth, and one of the men who is interested and helpful to every movement for the betterment of the community. He is the moving power in the Old Home Association of his town and a conspicuous example of the success a young man can win in business and in public life, even though located on a back farm in a back town in New Hampshire.

#### WILL NEAL, MEREDITH.

Occasionally one meets a character from some book, or a person who so resembles one that unconsciously you think of him as a suitable, if not an actual, figure in play or story. Such a man is Will Neal of Meredith. He does not talk much, not at all about himself, but he is known from Atlantic to Pacific among breeders of Devon cattle. His father was a big farmer and a good one. He raised and exhibited stock all his life, and when Will was five years old he began traveling with the show cattle and he has been at it ever since. A year or two ago he took a carload of thoroughbred Devons to the Pacific coast, showing

at the California, Oregon and Washington fairs. He won blue ribbons in nearly all the classes in which he exhibited, and completed his string of victories by winning over many competitors at the Alaska-Yukon-Pacific Exposition at Seattle. But he would never mention it unless asked. Mr. Neal is a young man, unpretentious, hard working and thrifty. What he doesn't know about raising and showing Devons it would take a wise man to tell.

When his father died some years ago the young man took the farm and went on with the business. He buys cattle for the Brighton and Watertown markets and is known as a shrewd business man and a stock judge. His annual shipments from Meredith station average about \$50,000.

Devon stock is attractive to look upon and profitable to raise. In the neighborhood are several wealthy summer residents who maintain farm establishments, among whom the Armstrongs, Davises and Sheridans have adopted the Devon as their breed. All this is a development of the Neal operations in this breed. Probably no section of the country produces cattle of that breed in any greater perfection than is done in that neighborhood.

Mr. Neal's farm is not a big one, but it is a model of comfort and attractiveness. Its owner, though a busy man with his general farming, exhibiting and stock buying, finds time to serve his town as selectman and is a director in at least two big fair associations. He is also an official of the New England Breeders' Club and other similar organizations. He is making good in a field wide open with opportunity to hundreds of men in the state.

It was characteristic of the man when he turned half away from the writer and said, "Don't spread it on too thick." There is no need to, for his home and his stock speak for themselves.

DR. IRVING A. WATSON, HOPKINTON.

When a professional man goes into farming as a side line the real farmers are apt to smile in a tolerant way and

look wise. Generally they are justified. But sometimes these "near" farmers make good. Such an one is Dr. Irving A. Watson of Concord, secretary of the State Board of Health.

Doctor Watson was born on a farm in Salisbury. There wasn't a thing in old time farming that the Doctor did not have to do in his youth, from picking rocks and milking, up. He knows all about the old system of daylight to dark farming with the chores before and after. During all his splendid professional career the lure of the land has been upon him and when, a short time ago, he had an opportunity to buy what had been one of the best farms in Hopkinton, seven miles from his office in Concord, he bought it.

Some years ago the Doctor had an opportunity to study the fruit raising, packing and marketing methods of Oregon and California. Since then he has studied the possibilities of New Hampshire, and is now putting in operation some of the methods he has seen used with success elsewhere. There are 160 acres of land in his farm, 35 or 40 of which are in fields and orchards. There are about 400 apple trees and 225 peach trees and he has set 400 more apple trees within the year. This season he had plowed 15 acres which he will set to apple trees at once, and his scheme contemplates one of the largest commercial orchards in the state.

"There were 225 peach trees, set out three years ago on the farm," said Doctor Watson, "but they had been neglected. This year I had the ground plowed, thoroughly cultivated and applied ashes, bone meal and nitrate of soda. You should see how those trees responded. They made more growth in one year than they had in the three before. It is the talk of the natives. Some of them thought I was foolish at first, but they are thinking better of it since they have seen the improvement in my trees. There are three things necessary to successful orcharding. Cultivate, fertilize and prune. If our people would apply modern

methods to fruit culture and marketing, New Hampshire would become famous."

The success of New Hampshire fruit at the New England Fruit Show in Boston was cited by the Doctor as evidence of the possibilities of orcharding. He went to the fruit show intending to stay one day. He had to be in his office the next day, but he worked nearly all night to get things in shape so that he could spend another day at the Boston show. An enthusiast over New Hampshire's opportunity in fruit culture, Doctor Watson tempers his enthusiasm with sound common sense and business judgment. While his success is not attained, who can think that his venture in farming will be less profitable and encouraging than has been his experience in his other profession?

FRED A. ROGERS, PLAINFIELD.

One of the "live wire" farmers of the state is Fred A. Rogers of Meriden in the town of Plainfield. Mr. Rogers is one of the men who doesn't have to chew and whittle before making up his mind. He has a splendid farm that reflects the kind of man he is.

"I came over from Hartland, Vt.," said Mr. Rogers, "mostly on account of the schools. I have eight children and schools mean something to us. I found this 550-acre farm for sale at a bargain, hardly more than the house cost, and it has proven a very satisfactory move to me."

Mr. Rogers keeps about 40 cows, most of them registered Jerseys, a big flock of Shropshire sheep, thoroughbred O. I. C. swine, and is considered one of the leading farmers in his section. He is a leader in the grange and through his efforts a splendid hall has been built by that organization. He has been an extensive exhibitor at the fairs and holds more than a hundred blue ribbons that he has won in close competitions.

Asked if farming paid him, Mr. Rogers promptly answered, "Yes. My farm has increased in production at



least 30 per cent in the last ten years and it was a good one when I bought it. I have paid out a lot for fertilizer, but it was mostly in the form of grain fed to my stock; \$8,000 worth of grain has been fed out on the farm since I owned it. The cattle paid for it as it was used and the farm got the benefit of the fertilization. Farming is a splendid business. The great fault in not being able to get a fair share of what the consumers of my products pay, I propose to overcome by retailing my products. Commencing this fall, I shall deal directly with the consumers, and I expect to demonstrate that a good farm in New Hampshire is a paying as well as a pleasant business." And he will, for Mr. Rogers is one of that kind of men.

#### RAYMOND B. STEVENS, LANDAFF.

Raymond B. Stevens of Landaff is one of the young men of the state who has come into prominence suddenly and has obtained a wonderful hold upon the people by his candor, earnest simplicity and liberal-mindedness. Lots of people do not agree with his advanced political notions, but everybody likes Stevens. He was educated in the schools of Lisbon, at the Boston Latin School and Harvard Law School. Admitted to the bar in 1899, he practised law successfully until his health failed, and in 1907 he bought a big farm two miles from Lisbon in the town of Landaff. The first year he raised over 5,000 bushels of potatoes. That was a bad year for potatoes and the expected profit turned out to be a loss.

"All that year," said Stevens, "I got out at three in the morning, milked my own and a neighbor's cows and got down to the morning train with my milk. It was strenuous for a young man unaccustomed to the life, but I stuck to it. Last year I turned more to dairy farming, and this year I am developing my farming scheme along those lines. A quick and sure financial return is a necessity for the farmer of small capital, and dairy farming brings that as well as



building up the farm itself. I am cutting about 50 tons of hay this year and have six acres of fodder corn for ensilage. I shall keep 25 cows this winter besides other stock."

When interviewed Mr. Stevens was down in the field on a monster load of hay. The load was evenly balanced and well proportioned and showed that the man who loaded it knew how to load hay.

But the barn doors were a little too low for the load and the top was scraped off as the load entered. And there was something that suggested Stevens in that incident. He is a high-minded, thoroughbred sort of fellow, possibly a little ahead of his time in some ways, but a splendid specimen of the young, thinking man who is appearing on many New Hampshire farms.

"I like farming because it is the only business I know that a man can be in and own his job," said Stevens. "A man may be a Republican or Democrat, a Socialist or an Anarchist, and still find ready sale for his crops. His living doesn't depend upon his thinking as some other man does. In business or professional life, consciously or unconsciously, a man's real views are warped by business necessities. The only life of absolute freedom is in the production of the necessities of life, and that's farming."

*Collier's Weekly*, in reviewing conditions in New Hampshire, said of Stevens that he was the type of man upon whom the future of the country depended. He is the type of man who is making farming in New Hampshire respected by reason of the mental caliber of the men engaged in the business.

H. P. GODDARD, COLEBROOK.

H. P. Goddard moved to Colebrook from Canada 19 years ago. He worked at various things until six years ago, when he began raising potatoes on a large scale. He owns 20 acres of land near the railroad and rents several farms back from the village. Hay always sells well in that section and Mr. Goddard specializes in the two crops.

"I became convinced," said Mr. Goddard, "that with modern machinery, up-to-date methods and an acreage large enough to make efficient management possible, there was a good thing in potatoes. Some of our farmers did not think very well of my plans when I started. It took some courage, but I backed my judgment and so far have done well enough to warrant the time, money and effort. I plant 25 or more acres each year. These are not all in one place, but in fields that I rent or farms that I take by the year. I raise hay on the land not given over to potatoes. I do the work as largely as possible with machinery, planting, spraying, hoeing and digging by horse power. At digging time I have about 20 men in the field to sort, sack and handle the crop. I sell direct from the field to the car. The land in the valley usually produces 250 bushels to the acre. On the hills we raise 300 or over. This year I had 25 acres in potatoes. I used nearly \$1,000 worth of chemical fertilizer. My crop was in the neighborhood of 6,000 bushels. This year I got an average of 60 cents a bushel. I have sold potatoes as low as 20 cents, but the average will be about 40 cents delivered loose on the car. I contracted my potatoes in the field two years at 40 cents a bushel, but with a generally rising market I have determined to take the risk hereafter. My crop cost me just about 20 cents a bushel. I think the average for this region is a little higher than that. Selling 6,000 bushels at a profit of 40 cents a bushel makes a good thing for an ordinary farmer. This year's high price will doubtless increase the acreage next year. I think the acreage and price are greater than a few years ago. It is a developing business and for a cash crop is well adapted to the soils and climate of this region. I don't see why more people do not go into farming. It is a good business. It pays well in money and health. I like it."

Surely Mr. Goddard looked well and happy. This year he raised 1,400 bushels of oats and 150 tons of hay besides the potatoes.

## CHARLES W. BARKER, EXETER.

Charles W. Barker of Exeter represents the younger element in the successful farm life of the state. He is president of the Horticultural Society, member of the executive committee of the State Grange, and has been town treasurer for 14 years. All of which goes to show that he stands well in Exeter and in the state.

Mr. Barker has an attractive residence and 30 acres of land just a mile out of town on the electric car line. Recently he has bought "Gracedale Farm" of 200 acres a mile and a half from his home. He has two distinct lines of farming, apple growing and milk production.

"I have 600 apple trees in bearing condition, Baldwins, Gravenstein, Hubbardston, Russet and Northern Spy mostly, but there are a few trees each in many other varieties." The orchards are in good condition now, but Mr. Barker says he will improve them greatly by modern methods of care and cultivation.

Dairying is the other important branch of "Gracedale" farming. Mr. Barker has 30 cows besides heifers and calves. He intends to further improve his herd by breeding to enlarge the milk production. His favorite breed is the Holstein. The milk is sold wholesale in Exeter. Mr. Barker is an enthusiast in all his farm operations. He pins his faith to the silo for the production of milk. He has a silo at each place. He is a retiring man, slow spoken and easy going until he knows exactly what is the proper thing to do. Then there is no hesitancy or indecision. Sure of his ground, Mr. Barker doesn't ride, he drives.

## HERBERT O. HADLEY, PETERBOROUGH.

It is not an uncommon thing for a New Hampshire farmer to make money enough to retire, but somehow few of them retire. The life gets a hold upon them and they stick to it until they die. But for his connection with other

interests that might have been the story of Herbert O. Hadley of Peterborough.

Mr. Hadley was obliged to earn his living at an early age. Not able to spend many years in school he turned his attention to making first a living and then a competence. Good health, keen judgment and courage were his assets. When he was of legal age he had a little money and a good wife. He bought a good farm, paid in what he had and gave his note for the rest. Then began years of hard work, careful planning and economy. Mr. Hadley was a quick observer and a good trader. He soon saw the possibilities in raising milk for the Boston market. He built up one of the best herds of milk producers in southern New Hampshire. Occasionally he was deceived in buying a cow. He didn't want boarders. When a cow could not earn from \$90 to \$100 a year more than it cost to keep her, Mr. Hadley did not keep her. He found that others did not want her. A cow will weigh if she doesn't make much milk and Mr. Hadley sold what unprofitable milkers he got hold of as beef. This led to a general meat business in which he traveled all over the district buying and selling cattle, keeping the milk-producing cows and dressing the others for retail trade. Occasionally he attended an auction and after a time began selling goods as an auctioneer. Quick witted and a ready talker he built up a big business as a salesman. He became interested in the grange. Its opportunities attracted him early and strongly. The social and educational opportunity it afforded was invaluable to the Hadleys.

And so the years went on. Farming, selling at auctions, running a retail meat business and doing other things, developing himself, improving his farm and making some money. By and by the farm was paid for, new buildings erected, more land bought, the daughter educated and happily married and something laid by for old age or a rainy day. During all these years, Mr. Hadley had enjoyed that essential to happiness and success, a prudent, tactful, loving

wife. As the years went by public affairs attracted Mr. Hadley. He was a town officer for years, represented his town in the legislature and became a member of the Board of Agriculture. He became an officer and finally master of the State Grange. The duties of that position required him to be much away from home, and so he bought a home in the village and moved there. Since then he has been state senator and is serving his second term as county commissioner. Such has been the busy life of one of New Hampshire's self-made farm men. And this record has been made during the lean years of agriculture. Who shall say what are its possibilities for the future man of the type this man represents?

H. E. MORRISON, ORFORD.

H. E. Morrison was born in Orford. The story of his farm life is one of struggle and success. Twenty-three years ago he bought a farm upon the west side of Mt. Cube. It was a big place with a lot of wild land. Only about 80 acres of the 1,200 were under cultivation. Mr. Morrison started in upon the long-established plan of general farming with grade stock and the hay-potatoes-corn rotation. But somehow it didn't seem to get anywhere, and though he worked hard enough he didn't get ahead much. His cows were producing on an average 140 pounds of butter. He read and heard of the big butter product of the Jerseys, and bought a thoroughbred bull of that breed. Five years later his cows were averaging 322 pounds. When he bought the place the hay crop was about 40 tons; today it is at least 140 on the same ground.

The Morrisons are wide-awake people, and after handling a dairy business for several years began to study the possibilities of beef raising. They had a big acreage and were better equipped than most farmers for that sort of thing. Six years ago Mr. Morrison started a thoroughbred Hereford herd. His herd now averages 40 or more head



and last year he sold 22. The buyers came from four states and one from Central America. Utility is the main thing with Mr. Morrison. He is a show man, taking stock to many of the big fairs and winning his share of the blue ribbons, but his main idea is to produce a practical, not a freak animal, for show purposes. Mr. Morrison believes there is more money in raising beef than in dairying on a farm like his. It takes less hay, less grain and less help. Under his scheme of farming the home place either produces or earns the money wherewith to buy all that is consumed on the place.

Asked if farming paid, Mr. Morrison replied, "In twenty-three years I have bought and paid for this farm. I have built a completely new outfit of farm buildings, a stock barn 130 x 54 feet, a horse barn 56-x 34 and other outbuildings. I have remodeled the house, making it as modern as any village place. I have raised two children and we have lived comfortably. The boy expects to return to the farm after a course at the Agricultural College. Everything here is paid for and the farm paid for it. Yes, farming pays; and it will pay better in the future. It is a business any young man should be proud to follow."

#### CHARLES T. ROSSITER, CLAREMONT.

The newly appointed member of the State Board of Agriculture for Sullivan County is Mr. Charles T. Rossiter of Claremont. Mr. Rossiter is a man in the forties, the son of a prosperous and enterprising Claremont farmer, who lives upon the paternal acres. Mr. Rossiter is a man of decisive energy, a man whom you would expect to succeed in any line of business in which he might engage. It is to the credit of the farm life of the state that such men find in it a field sufficiently attractive to outweigh the assured success to be achieved in other work in other places.

Mr. Rossiter's farm is two miles from Claremont, just off one of the trunk line boulevards constructed by state



appropriation. The view from the house is one of the most extensive and beautiful in western New Hampshire. There are 150 acres in the farm, 60 of it in field land. From this 60 acres is taken annually about 100 tons of hay besides other crops, ensilage corn being one of the main products. Mr. Rossiter keeps 60 head of cattle, 25 sheep and five horses. The cows are Jerseys, the sheep Shropshires. Mr. Rossiter believes in thoroughbred animals and among his Jerseys are some of the best in the state. He also believes in the use of machinery, and his farm is splendidly equipped for the easy and economical handling of all crops. The buildings are arranged to suit the needs of the business of the farm and the house is roomy, pleasant and comfortable.

"My farm pays not only a fair income upon the money and labor invested, but liberally in comfort and satisfaction," said Mr. Rossiter. "There is a good demand for my products, I live a reasonably independent life and I enjoy it with my family. There is no doubt in my mind that New Hampshire farming offers a splendid career to the ambitious young man who wants to make of his life that larger success which includes clean and happy living as well as financial return."

HENRY HOIT, BEDFORD.

It is seldom in these days that a man undertakes to clear up a forest tract to make a farm, but that is exactly what Henry W. Hoit of Bedford has done. Mr. Hoit came from Candia to Bedford, bought 35 acres of pasture and woodland three miles from the city and one mile from the car line. He has cleared and put under cultivation five or six acres which are largely devoted to small fruits, vegetables, and other things that find a ready market at high prices. Mr. Hoit is a worker both with his hands and his head. He has built a fine set of farm buildings and firmly believes that the success of farm operations includes the comforts and pleasures of a good home. Mr. Hoit is a most interesting talker. He said: "If people would only work and plan

they need not undergo the hardships of either the city wage-earner or the backwoods farmer. I studied the problem for a long time and concluded that I could make a living by pioneering almost within the city limits. So I got this tract of nearby wild land and went at it. I pulled stumps, dug rocks, and did all the things that have to be done to get land in shape for cultivation. It was hard work, but I had the satisfaction of knowing that the wild land which was worth not more than \$75 an acre when I bought it would sell for \$200 an acre when I had it in shape, so I was earning good money even though I sold no crops. Now I have several acres under thorough cultivation that yield me a good income and I am still at work on the rocks and stumps that are left. I keep a pair of horses, 15 cows and 50 or more hogs. I am so near the city that I can get anything I want and sell anything I don't want. There is a splendid chance for other men to do as I have done. There are hundreds of acres of waste land on the outskirts of our big cities that would not only support families in comfort but would, if cultivated, furnish fresh, clean stuff for our markets and help those who live in the city to a better grade of living."

PROF. J. W. SANBORN, GILMANTON.

"Wilson Farm," Gilmanton, has continued in the family from its original proprietor into whose hands it came in 1723. The ambition of the present owner, Prof. J. W. Sanborn, is to continue it in the family line indefinitely, since he believes that it is the only occupation that lends itself to family permanency. The farm has increased in acreage in the hands of each generation of Wilson-Sanborns until the home farm is now 1,100 acres, the largest increase being made since the present proprietor took possession. Associated with the farm is 1,000 acres of mountain pasture and woodland eleven miles away.

Professor Sanborn calls his method of handling the farm an "Intensive, extensive policy." He believes that New

England agriculture suffers from too narrow operations under which its fixed charges of family, building, machines, fertilizers, feed and others come too near its limited gross income and that doubling the income will increase the total expense but slightly.

Fields being the income-bearing part of the farm, all the land susceptible of tillage is being carried over to field area. One hundred and sixty acres have recently been taken from the wild. Drainage and the removal of obstructing rocks and wall are continuing improvements. There are now 460 acres of field land in one body. This is under an eight-year rotation, corn for silage, oats and peas, clover, potatoes, Hungarian, timothy (2), pasture. Each year every acre of the rotation is manured either with stable manure or chemical fertilizers mixed on the owner's formulas. From 80 to 100 tons of fertilizer are used annually.

In round numbers 200 acres are plowed annually. This rotation is one of great economy of labor and teams. Under it and the free use of fertilizer the farm has increased in crop production eightfold since Professor Sanborn's return to it 17 years ago from public agricultural service. The farm employs 14 to 18 men and requires 16 horses for its work.

While believing that chemical fertilizers are indispensable to modern, successful, New England agriculture, the owner holds that well-bred and scientifically-fed dairy stock will yield farm dressing at a cheaper price. This will, however, be inadequate to modern, high-pressure farming, so there are fed on the farm 250 cows and heifers aside from the horses. The sale crops are milk from about 150 cows, about 100 tons of hay and 30 to 40 acres of potatoes.

As tillage acres are annually increased the crops are soon to be 55 acres of each and 110 acres timothy and 90 of run and wet meadow grasses. This 90 acres and 100 acres of upland are now or soon will be under irrigation. The father of Professor Sanborn constructed an irrigation plant consisting of a natural pond artificially extended to 45 acres

with canals leading from it. To feed the costly nitrogen into the soil 175 tons of concentrated feeds are purchased and used. These are mainly protein feeds to balance the rations.

On the farm there are nine tenement houses for labor in which reside the married help. These families board the unmarried help. This system has settled the labor problem for this farm. The distribution of labor by rotation makes the labor demand even, and the help is employed for the year. The farm, notwithstanding the free use of capital, labor, tools, fertilizers and purchased feeds, more than meets all expenses and a reasonable income for the family.

Said Professor Sanborn, "I do not advise others to extend their area of operations, but my experience warrants the emphatic advice to use extensively the farm in possession. This means the conversion of all possible areas into fields and their intensive cultivation. Thus the farming in hand becomes more extensive and intensive, quadrupling the gross income and doubling and tripling the net income, thus giving to New England agriculture a new and attractive aspect."

W. E. STEARNS, RINDGE.

On a high hill in the town of Rindge, with a view toward the south that cannot be described, lies a farm that for thirty years has been the home of a thrifty, progressive, hard-working farmer. On that farm is a big, roomy house fitted with modern conveniences, comfortably furnished and kept in apple-pie order by a hard-working, thrifty, home-loving farmer's wife. On that farm and in that home one feels the atmosphere of the home life of the people of the open country.

W. E. Stearns owns a farm of 175 acres. It was a run-down farm when he bought it; today it is in a high state of cultivation. Mr. Stearns has not aspired to farm operations so extensive as to be cumbersome, but has farmed less acres and farmed them well. He cuts some 40 tons of hay

which with the other feed supports a herd of 30 Holsteins. Quietly and carefully Mr. Stearns told the story of his life on the farm. From a small beginning, without large capital he has developed his farm from year to year, taking advantage of every opportunity to get ahead until now his \$600 investment has become worth not less than \$3,600, and besides the stock and equipment there is something laid by. For the man who wishes to live quietly and simply Mr. Stearns' example is a splendid lesson. Somehow it conveys the impression that in this couple is a type of the real strength of that splendid class of citizenship most desirable in a state or nation. There is nothing spectacular about the Stearns place, just a successful, comfortable, contented farm home. Farming in an intelligent way, not led astray by fancy notions, getting ahead from year to year financially, enjoying life while making a living, what better can the world offer to any man?

#### H. A. STEARNS, RINDGE.

Much in contrast and yet much like his neighbor of the same name in the same town is H. A. Stearns of West Rindge.

For years Mr. Stearns was a traveling salesman. He was a thinking man as well, and when his health failed his plans were well laid for physical recovery and a continued income. Here was a man who had some practical knowledge of farming and a well-worked-out theory which he proceeded to put into practice. He bought an 85-acre farm, not a run down place, but the best one he could find for what he wanted to pay. He stocked it with the best types of thoroughbred Holstein cows. The initial investment was larger than any other plan might have called for, but it has proven a good use of capital. Since owning the farm Mr. Stearns has out of his profits spent \$2,100 in improvements. He sells milk and thoroughbred Holstein cattle. One heifer was sold for \$250. Mr. Stearns said



that in his opinion the investment in the best types of thoroughbred cattle was preferable to less money in the same number, or more cattle for the same money that did not have the breeding. It costs no more, he declares, to keep the best than the poorest, and not only is the product more satisfactory but the progeny sells for more money. Not only does Mr. Stearns take pride in his stock, but he also glories in restored health, the possession of a splendidly healthy family and a comfortable home. He is an example of the possibilities of a New Hampshire farm for a man who though without great knowledge or experience has good judgment in establishing a business-like system and the stick-to-it spirit to carry it out.

GEORGE H. SPRINGFIELD, ROCHESTER.

One of the best breeders of thoroughbred Hereford cattle in the state is George H. Springfield of Rochester. Mr. Springfield has lived on his farm just outside the city for 25 years. There are 175 acres in the farm on which, besides potatoes, corn, oats, winter rye and other crops which occupy about 20 acres, he cuts 125 tons of hay. He keeps 60 head of thoroughbred Herefords besides hogs, poultry and horses. Mr. Springfield is what one might call a "practical" farmer. He has no high sounding ideas, no fads or freak notions. He is a plain, business-like man of few words.

Mr. Springfield said: "There is a good demand for thoroughbred stock. It pays better to raise thoroughbred than grade cattle. Judging from my experience, it certainly is possible for a young man to make money on a New Hampshire farm. That possibility is growing stronger. Capital, judgment and experience may be necessary to the greatest success. Surely hard work and strict attention to business are necessary. But in my judgment farming in this state offers inducements for the man of even limited capital and experience that no other calling affords. The



success of a man depends largely on the man. If the man is made up right he will overcome such obstacles as he may encounter on a farm fully as well as he would in any other business. My opinion is that there is a splendid opportunity for more intelligent young men in New Hampshire agriculture. If they are financially equipped and of superior intelligence and training there is a great big place for them. Everything, however, resolves itself into the man himself." And one gets the impression from Mr. Springfield that he is one of the men who would surmount difficulties in any place where he might find himself.

JAMES C. FARMER, NEWBURY.

It is a genuine pleasure to meet a young man who has seen an opportunity and made the most of it. That there are undeveloped possibilities in farming and near-farming in New Hampshire is proven by the experience of men who have done things in various communities that others might have done—but didn't.

Such a young man is James C. Farmer of South Newbury. Mr. Farmer came to New Hampshire several years ago in search of health. He is an interesting talker and willing to tell his story. "When I came here I started in the poultry business in a small way. In a short time I found that the farmers in my vicinity would rather do most anything than kill a hen, so I began buying live poultry and fresh eggs in the towns around here. I have kept it up and have developed a paying business. I drive around to the farmers and pay cash for whatever they want to sell. I make a point of paying a fair market price. All the poultry I buy is killed and dressed at my place except the pullets, for which I find a ready market by advertising in the local papers. In the summer I dispose of all the poultry, eggs and vegetables I can raise or buy to the hotels and cottagers around Lake Sunapee. There is an increasing demand for such things around the lake. During the

rest of the year I ship to markets and restaurants in and near Boston. If you know the right people to send to, you can always get a good price.

"Beginning the first of January I run incubators which hold about 3,500 eggs. The machines are run for six months and I sell the day-old chicks to people in this vicinity at from eight cents to 15 cents each. The difference in price is according to the season. This part of my business has increased very rapidly. I hatch mostly Rhode Island Reds and Barred Plymouth Rocks, but I furnish chicks of any other breed when they are ordered."

The pictures show Mr. Farmer's plant and the way in which he delivers his goods. Undoubtedly much of his success is in so handling his poultry that it attracts and holds customers. It seems almost strange that some other bright fellow had not thought of Mr. Farmer's scheme of hatching out chicks and selling them at a profit to the farmers who raise them and then sell them back to him to be dressed and put on the market. What it amounts to is that Mr. Farmer is raising thousands of chickens in small lots on different farms and paying the farmers whatever the market calls for on the growth of the poultry that they raise for him. Surely no one can complain so long as each gets his share of the profit, and it seems as though here was a plan that others might follow with the same success that Mr. Farmer is making. Certainly he has shown us a possibility.

REV. WILLIS J. SANBORN, SANBORTON.

It seems to be especially appropriate that a preacher should be a leader among men. Rev. Willis J. Sanborn is not only a spiritual, but an agricultural leader. He was a Sanbornton boy and his father was a fruit grower. Mr. Sanborn went West years ago and served as pastor in several churches in western cities. He went to Colorado for his wife's health and there operated a small orchard upon the most progressive plans. After Mrs. Sanborn's

death he sold his Colorado property and bought several acres of what had been considered the poorest land in Sanbornton. It was sandy and about all it had ever grown was a thin crop of "poverty" birches. When Mr. Sanborn began clearing it the neighbors shook their heads and looked wise. When it was cleared and several thousands of fruit trees set, they even smiled. And when after setting the trees the land was harrowed every day or two with the idea of preserving the moisture, they really did have to laugh. But when the land kept moist during the severest drought for years, and when the trees showed a remarkable growth for even a favorable season, they began to wonder and inquire, and now they are convinced that the returned preacher knows something besides the theology of the books. Here is a condensation of what Mr. Sanborn said in answer to questions:

"I plan to care for my orchard according to the most approved method of fruit growing. I use a part if not all of one season in preparing the soil. I absolutely refuse to set anything except yearlings, cut them back to 24 inches and make my own top. I use dynamite for digging the holes, stir the soil at least once in two weeks, prune properly and spray thoroughly. I thin until the apples are six inches apart in all directions and make the trees bear every year by so doing. I have not yet, but shall if necessary, irrigate and use orchard heaters to ward off frost. I shall sort and grade the apples, wrapping the first grade in paper and packing in clean, new apple boxes. Apples treated in this way will bring from \$2 to \$5 per bushel box. Inferior apples, if any appear, will be fed to the hogs. Establish a reputation that your apples are true to name and pack and you can command your own price.

"My trees grow from one to four feet each season, bear the third season and produce a paying crop the fifth. I expect to get Western size and color and Eastern flavor, a combination that will make the best apple on earth. Arsenate of lead, "Black Leaf" and lime sulphur will ban-

ish the insects, moths and fungi. I expect to take care of my orchard, and a little later I expect my orchard to take care of me.

"Chemical analyses show comparatively little difference in soils in different localities. Most every soil has possibilities if you know how and will get them out. A lot of people are saying 'Just my luck,' when they should be saying 'Just my laziness.' Locked up in the soil of New Hampshire there are possibilities that would feed millions. The "Promised" land is right here in New England. She is held back by the refusal of her farmers to make use of the newest and best knowledge that is available. Faith and courage and the application of the science of agriculture to our land would make realities of unparalleled opportunities."

We may not accept all of Mr. Sanborn's ideas, but it cannot be denied that he is making good in his operations, and after all the "proof of the pudding is in the eating."

#### WILLIAM H. ELLIOTT, MADBURY.

More than ten years ago William H. Elliott of Boston had extensive greenhouses at Brighton, Mass., where he raised roses for the Boston market. Desiring to extend his business Mr. Elliott prospected in various parts of New England for the right kind of soil, and the other things that must be had for the successful culture of roses. He found in the town of Madbury, just out of Dover, conditions that were ideal for his business, and bought a large farm on which he erected a greenhouse 800 x 50 feet. This immense plant was devoted entirely to the culture of American Beauty Roses. But it was not big enough to meet the growing demand for its products, and so Mr. Elliott four years ago built another greenhouse 1,340 x 60 feet which gives him 125,000 square feet under glass, all devoted to rose culture. In addition to the glass houses there are storage and packing houses, a big heating plant, coal sheds,

tool sheds and the like besides the farm buildings. Since the original purchase another farm has been bought and still another is rented; for it should be known that not only roses are produced, but there is an up-to-date all-round farm. There are about 50 Holstein cows kept on the place, all of the fodder for which is raised here, and the fertilizer produced is largely used in the production of roses. The roses and the farm employ some 40 people, most of whom are boarded and housed on the place. Mr. Elliott has abandoned the exclusive culture of American Beauties and now raises five or six other varieties. His plan of operation brings the largest possible product into the market just when the demand is greatest and the prices highest. At Memorial time in the spring he ships 20,000 a day from his New Hampshire plant.

There are very practical problems in this farming under glass. The care of roses is a business that requires expert knowledge and some of the men employed are highly trained specialists. There are raised each year more than 30,000 plants which at the proper time require grafting, some 60,000 grafts being set each year. In addition to his own production a large amount of stock is imported each year.

An immense amount of machinery and tools is required. The heating plant consists of a battery of four boilers which consume from 1,200 to 1,300 tons of coal. There is an immense reservoir, a pumping station, an intricate ventilating system, and other things that require close and expert supervision. It is a big proposition requiring an immense amount of capital and involving great risk.

Mr. Elliott and his family live in the summer time in the big old-fashioned brick house near the greenhouses. The farm receives his personal attention and it pays. Here is a field of agriculture which calls for the investment of money and brains. The possibilities of farming of this general character are little understood. Why not raise luxuries which can be sold out of season at high prices? There is a



market for such things at prices that will make the business profitable if properly handled.

MISS MARY MORRISON, PETERBOROUGH.

One of the show places of the state is the farm of Miss Mary Morrison of Peterborough. It is not a large farm in acreage, but it is a paying one. The pictures show on what a scale it is equipped. Nothing that is known to the science or art of agriculture is missing. It is not a practical proposition for the everyday farmer, but the fact that through good management such a plant as this can be made self-supporting should encourage others to equip their farms with modern machinery and appliances. With a modern cow barn, the equipment for making sanitary milk, electric lights and other things it is necessary to get good prices for the product, and the fact that having these things and using them enables Miss Morrison to command the prices that will make the farm pay, speaks for itself.

It is impossible to give a complete story of the operation of this farm. It will not be attempted. It is a place which the prospective investors of thousands should see and study. The comfort and elegance of the home, the completeness of the farm equipment and the attractive fact that it is self-supporting make this place worthy of study by those who want and can afford such things. New Hampshire has many places where this experiment could be repeated.

W. T. BUY, CHARLESTOWN.

One of the best herds of Dutch Belted cattle in the country belongs to W. T. Buy of North Charlestown. Mr. Buy is a farmer who has original ideas. He is not what might be called a "fancy farmer" like so many of the thoroughbred cattle men. His farming is for a living and like others he has had his struggles to make both ends meet. But slowly and surely he has built up a good herd of cattle, improved his farm and is putting himself in a position to



demand and receive the recognition such effort deserves. Mr. Buy takes a very practical view of things and believes in facing situations just as they are and not as they might or should be. He has shown his cattle at fairs, and while winning first premiums for himself has seen other worthy and deserving farmers, who had spent years developing a practical money-making herd, beaten in the show ring by those who raise stock simply for amusement, who give their premiums to their herdsmen and hang the ribbons in their dens. Mr. Buy declares this not to be the way to encourage practical farmers to raise stock that shall be a credit to the state. He is of the opinion that more credit should be given to the farmers who, like himself, make their cattle yield a profit as well as pleasure.

Mr. Buy has had his troubles with the labor question, and he stated that many farmers made more money working for others than they did working for themselves. "It is boys we need," said Mr. Buy, "boys who are interested and willing to work. If we could keep our boys on the farms we could revolutionize New Hampshire farming in a few years."

Mr. Buy declares emphatically that too many farmers are simply working the land for the benefit of the grain dealers. All the profit some make is handed over to the merchant for his wares. It seems strange to him that the farmers in one section get so little for the grain they raise that it affords no profit, while other farmers in another section pay so much for that same grain that they make nothing except a bare living from the farms where it is consumed.

And so the economy of distribution, the science of agriculture and the everyday problems of the farm are being studied at first hand by such farmers as Mr. Buy, and there is being brought to bear upon these things an intelligence that promises much for their adjustment. It is this sort of thoughtful consideration of farm problems that is needed in our state, and the presence of such men upon our farms is a token of promise.

## SAM B. SMITH, SANDWICH.

If there is any credit in making two blades of grass grow where one blade grew before, what would be due Sam B. Smith of North Sandwich, who is raising 75 tons where a few years ago only 18 could be harvested? Mr. Smith is an example of the possible success that awaits the right kind of man on a "back" farm. There are hundreds of places that offer as many or more attractions that can be had for almost the asking. Seventeen years ago Mr. Smith bought this more or less run down place. He began raising thoroughbred Hereford cattle. There are farmers in the state who declare there is no money in beef cattle, but Mr. Smith knows better. For in these few years he has brought his farm up to its present state of cultivation, supporting now a herd of over 30 cattle, has improved the buildings and established a name for himself and his stock that commands the highest price, enabling him to enjoy all the advantages that can be had on any farm. And he has done it with what his cattle have earned. Mr. Smith has been an extensive exhibitor at fairs and cattle shows. He has come in competition with the best breeders in the country and has taken his share of the blue ribbons. No New England fair is quite complete without Sam Smith and his Herefords, for the owner is as much a part of the show as the cattle. A keen, shrewd, business-like fellow, he is right on the spot when a prospective buyer appears, and anyone who can outdo him in cattle talk is sure some talker. And he has the goods on which to base his claims. Only recently he paid \$300 for a bull out in Indiana. That is the kind of man he is, not afraid to buy the best for a New Hampshire farm. Starting a poor man, he has kept quality before quantity in his farming and has built up a reputation that gets prices, and with the money he is able to extend his operations until now he not only has good things, but a lot of them. Such a man is Sam Smith, a way-back farmer, some ten or twelve miles from a station

on a side line of railroad. No location in the state could offer less of promise and few if any have yielded a greater realization. It would be well for the state if more of his kind would come among us. Asked if he would care to have other breeders, possible competitors, come into the state, Mr. Smith instantly replied, "Yes, the more the better. We have a splendid place for them and we need them. I wish all my neighbors would go into the thoroughbred cattle business. It would mean that we could bring here buyers from all over the country to get our stock. It would mean the building up of farms all about me, and would mean that when I wanted a first-class animal I would not have to send my good money out to Indiana to get him. Yes, the more breeders the better, and I cannot understand why more farmers don't go to raising thoroughbred stock. If they don't like Herefords, take some other breeds. There is more money in it than in keeping grades. It costs no more to produce or keep such an animal and they sell for much better prices. Get all the first-class breeders you can into New Hampshire. Those who are here will be glad to welcome them."

ALEX. J. PIERCE, WINCHESTER.

There is a sort of jolly good fellowship about Alex. Pierce that does not suggest the hard working farmer. There is also a brightness of eye and energy of speech that suggest keen, quick-wittedness and ability to take care of himself in a business transaction. And somehow while one wonders how this man became such an enthusiastic Jersey breeder, one does not wonder that he has made a big success of the business. He is the sort of man one would expect to make good. His farm is some four miles out of Winchester village in Cheshire County. It was an old side hill farm, just about what other farms were, fairly productive but rather going to seed, buildings getting old, bushes growing up and all that sort of thing. Mr. Pierce used to go out there hunting and one day bought the farm.

Having it he had to do something with it and so he set out to make it pay. He at once saw that he must increase its production and to do that must feed the hay to cattle on the place. So he set out to get cattle that would earn enough while they were eating the hay to pay for the labor of caring for them. He bought Jerseys and sold the butter. He bought thoroughbred Jerseys, knowing it cost no more to keep them, and that their progeny would sell for enough to pay for the parents and so his herd, if it could be made to earn its keep, would pay back the original investment. Of course, if one has goods to sell he must advertise. Now Mr. Pierce believed in going where the buyers were, so he fitted up his "for sale" stock and took it to the fairs. He is not a man to be satisfied with second premiums or low prices. His stock was fitted right up to the minute for show purposes, and he asked enough for it to make himself a little more than whole. The result was that silk-stocking breeders soon knew there was a "new Richmond in the field." In a few years the Jersey breeders in America began to reckon with Pierce in competition and to pay his prices for his stock. Then the farm began to get the benefit of what the cattle were earning. Last spring one of the best cow barns in the state was erected, from time to time modern conveniences were added to the buildings, but principally the fields got the benefit of the cows. "It pays better to raise grass on this land than rocks," said Mr. Pierce, as he showed pictures of a rock-strewn pasture that he had cleared and cultivated. "It costs money but it pays just the same."

If one wishes to see a well-thought-out scheme of farming and breeding in successful operation see Alex. Pierce. It is fun to meet the man, to hear him talk and to see his place.

CHARLES A. DOE, PITTSFIELD.

At the foot of Catamount Mountain, about three quarters of a mile from picturesque Pittsfield village, is situated Outlook Farm. The name was suggested by a prominent

summer resident who admired the delightful unrestricted sweep of the western horizon from Garvin's Hill on the south, over Mt. Kearsarge, to Mt. Belknap and from Gilmanston range at the north.

This farm of over 200 acres, now owned by Richard B. Bartlett, has stood in the Doe name for more than half a century, successfully operated during that time by John Doe and his son, Charles A. Dairying has been the chief source of revenue, although much hay has been grown for sale by liberal applications of commercial fertilizers. These fertilizers have been home-mixed, and very satisfactory results have been attained by this method.

Nature bestowed on this particular farm an abundant supply of boulders, tons of which have been removed from tillable areas during the past three years by Mr. Charles Doe. On this cleared land, there are hundreds of young apple trees which were set out in the spring of 1911. The varieties planted are Baldwins, McIntosh Red and Wealthy, a New England trio which produce magnificent specimens in this section and make friends with all classes when properly introduced. A few years ago, the 150 old trees on the farm were renovated by pruning, spraying and fertilizing, the lofty veterans were dehorned and worthless varieties top-worked with scions from pedigree trees of the desired variety.

Besides the commodious home buildings, all of which are supplied with sparkling spring water from the mountain side, there is a tenant house with large hay barn on the westerly edge of the farm.

THE FEEDING-STUFFS INSPECTION  
FOR 1911.





## THE FEEDING-STUFFS INSPECTION FOR 1911.

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In 1911 the secretary of the State Board of Agriculture, through the official inspector turned in 166 samples of feeding-stuffs. Sixty-eight samples were licensed. Twelve of these samples were composed of whole or coarsely ground grains, the nature and composition of which were apparent. Accordingly, a chemical analysis was not made. Thirty samples represented duplicates. Fifty-six samples were analyzed and the results are tabulated in the following table. In general the feeds analyzed were in accordance with the guaranty. A number were well above the guaranty while a few were below. As usual the inspector reported a large number of low grade feeds, but all of these do not appear in this report.

At the last session of the New Hampshire legislature the feeding-stuffs law was amended so as to require an inspection of a wider range of feeding-stuffs, also a guaranty of the maximum percentage of crude fiber is now required. The law is still inadequate. If the law were to require a statement of the specific ingredients of which any particular feeding-stuff were compounded, the interest of both the consumer and manufacturers of high grade feeding-stuffs would be protected. A number of states now require a statement of the specific ingredients of which a feed is made. New Hampshire consumers of feeding-stuffs should demand a proper revision of the feeding-stuffs law at the next session of the legislature and secure what some of the neighboring states demand and get.

The following is a copy of the present New Hampshire feeding-stuffs law.

*Be it Enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. That section 1 of chapter 35 Session Laws of 1901, be amended by inserting after the words "and of crude fat," the words and of crude fibre, so that the section amended shall read: Every manufacturer, company, or person, who shall sell, offer, or expose for sale or for distribution in this state any concentrated commercial feeding-stuff used for feeding farm live-stock, shall furnish with each car or other amount shipped in bulk and shall affix to every package of such feeding-stuff, in a conspicuous place on the outside thereof, a plainly printed statement clearly and truly certifying the number of net pounds in the package sold or offered for sale, the name or trade-mark under which the article is sold, the name of the manufacturer or shipper, the place of manufacture, the place of business and a chemical analysis stating the percentages it contains of crude protein, allowing one per centum of nitrogen to equal six and one fourth per centum of protein, of crude fat and of crude fiber, both constituents to be determined by the methods prescribed by the associates of official agricultural chemists. Whenever any feeding-stuff is sold at retail in bulk or in packages belonging to the purchaser, the agent or dealer, upon request of the purchaser, shall furnish to him the certified statement named in this section.

SECT. 2. That section 2 of the same act be amended by inserting after the words "corn and oat chops," the words wheat, rye and buckwheat bran and middlings, and by striking out the words "neither shall it include wheat, rye, and buckwheat brans or middlings, not mixed with other substances, but sold separately, as distinct articles of commerce, nor pure grains, ground together," so that section 2 shall read: The term concentrated commercial feeding-stuffs as used in this act, shall include linseed meals, cottonseed meals, pea meals, cocoanut meals, gluten meals, gluten feeds, maize feeds, starch feeds, sugar feeds, dried brewer's

grains, malt sprouts, hominy feeds, cerealine feeds, rice meals, oat feeds, corn and oat chops, wheat rye and buckwheat bran and middlings, ground beef, or fish scraps, mixed feeds and all other materials of similar nature; but shall not include hays and straws, the whole seeds nor the unmixed meals made directly from the entire grains of wheat, rye, barley, oats, Indian corn, buckwheat and broom corn.

SECT. 3. That section 4 of said act be amended by substituting for the words "a license" the words an analysis throughout the section; by substituting the word fifteen for the word "twenty;" and by inserting after the word "dollars" the words for each brand offered for sale within the state so that section 4 as amended shall read: SECT. 4. Each manufacturer, importer, agent, or seller of any concentrated commercial feeding-stuffs, shall pay annually during the month of December to the secretary of the Board of Agriculture an analysis fee of fifteen dollars, for each brand offered for sale within the state. Whenever a manufacturer, importer, agent, or seller of concentrated commercial feeding-stuff desires at any time to sell such material and has not paid the analysis fee therefor in the preceding month of December, as required by this section, he shall pay the analysis fee prescribed herein before making any such sale. The amount of analysis fees received by said secretary pursuant to the provisions of this section shall be paid by him to the treasurer of the state of New Hampshire. The treasurer of the state of New Hampshire shall pay from such amount when duly approved the moneys required for the expense incurred in making the inspection required by this act and enforcing the provisions thereof. The secretary of the board of agriculture shall report biennially to the legislature the amount received pursuant to this act, and the expense incurred for salaries, laboratory expenses, chemical supplies, traveling expenses, printing, and other necessary matters. Whenever the manufacturer, importer, or shipper of concentrated com-

mercial feeding-stuff shall have filed the statement required by section 1 of this act and paid the analysis fee as prescribed in this section, no agent or seller of such manufacturer, importer, or shipper shall be required to file such statement or pay such fee.

Approved April 15, 1911.

Messrs. J. E. Robinson and D. B. Keyes have assisted in the preparation of the following analytical work:

BRAND.	MANUFACTURED BY	PROTEIN.		FAT.		Retail Price per 100 lbs.
		Guaran- teed.	Found.	Guaran- teed.	Found.	
COTTONSEED MEALS.						
Choice Cottonseed Meal.....	American Cotton Oil Co.....	41.00	42.73	9.00	11.62	1.65
Dixie Brand Cottonseed Meal.....	Humphrey's Godwin Co.....	38.00	41.32	6.00	7.65	1.75
Owl Brand Cottonseed Meal.....	F. W. Brode & Co.....	41.00	41.00	6.00	7.05	1.85
Pioneer Cottonseed Meal.....	J. E. Soper & Co.....	41.00	42.12	8.00	9.35	1.65
Soper's Choice Cottonseed Meal.....	J. E. Soper & Co.....	41.00	42.38	8.00	8.44	1.55
GLUTEN FEEDS.						
Buffalo Gluten Feed.....	Corn Product Refining Co.....	23.00	27.84	2.50	2.34	1.45
Clinton Gluten Feed.....	Clinton Sugar Refining Co.....	20.00	24.08	3.00	6.22	1.45
Crescent Gluten Feed.....	Corn Product Refining Co.....	23.00	28.37	2.50	2.50	1.40
POULTRY FEEDS.						
Buffalo Poultry Feed.....	Buffalo Cereal Co.....	15.00	15.63	4.00	5.25	2.10
Wirthmore's Growing Feed.....	Charles M. Cox Co.....	13.00	11.51	5.00	3.51	2.00
Husted Laying Mash.....	Husted Milling Co.....	15.00	16.90	3.00	4.79	2.00
Growing Feeds.....	Park & Pollard Co.....	14.00	14.15	3.00	1.70	2.25
Dry Mash.....	Park & Pollard Co.....	20.00	17.60	3.00	3.47	2.25
American Poultry Feed.....	Quaker Oats Co.....	12.00	12.68	3.50	4.34	1.60
Algrane Poultry Feed.....	H. O. Co.....	17.00	16.20	5.50	5.61	2.20
MEAT SCRAPS, ETC.						
Blue Ribbon Beef Scraps.....	Park & Pollard.....	50.00	56.48	10.00	15.00	3.00
Whitman & Pratt's Beef Scraps.....	Whitman & Pratt.....	40.00	44.27	10.00	15.00	3.25
Swift Lowell Meat Scraps.....	Swift's Lowell Fertilizer Co.....	40.00	39.58	8.00	12.31	2.50
Ground Fish Scraps.....	International Glue Co.....	.....	47.40	.....	3.42	2.50
Dow's Ground Beef Scraps.....	John C. Dow Co.....	43.00	41.04	13.00	16.47	2.65
Beef Scraps.....	Beach Soap Co.....	.....	40.11	.....	21.60	2.50
Swift's Lowell Bone and Meat Meal.....	Swift's Lowell Fertilizer Co.....	35.00	40.11	8.00	12.26	1.90
Hinkley Cooked Beef Scraps.....	Hinkley Rendering Co.....	35.00	36.95	8.00	10.37	2.50
Dowker's Animal Meal.....	Dowker's Fertilizer Co.....	40.00	32.34	5.00	9.27	2.00
Hinkley's Beef Scraps.....	Hinkley Rendering Co.....	.....	36.12	6.00	8.64	2.65



BRAND.	MANUFACTURED BY	PROTEIN.		FAT.		Retail Price per 100 lbs.
		Guaran- teed.	Found.	Guaran- teed.	Found.	
MISCELLANEOUS FEEDS.						
William Tell Mixed Feed.....	W. F. Anstead & Burk Co.....	15.00	15.77	5.00	4.56	1.55
Creamery Feed.....	Buffalo Cereal Co.....	18.00	19.24	4.00	4.90	1.65
Buffalo Horse Feed.....	Buffalo Cereal Co.....	10.00	11.25	4.00	5.27	1.75
Schumaker Stock Feed.....	Quaker Oats Co.....	10.00	10.68	3.25	3.33	1.35
Victor Corn and Oats Feed.....	Quaker Oats Co.....	7.50	7.52	3.00	3.01	.66
Buckeye Mix Feed.....	Quaker Oats Co.....	.....	16.32	.....	4.32	1.50
Pearl Horse and Cow Feed.....	Chapin & Co.....	7.00	8.41	2.50	2.89	1.25
Wirthmore's Stock Feed.....	Charles M. Cox & Co.....	9.00	9.36	4.00	7.95	1.45
Wirthmore's Balanced Ration.....	Charles M. Cox & Co.....	26.00	26.11	5.00	5.03	1.60
Haskell's Stock Feed.....	W. H. Haskell & Co.....	8.00	9.11	4.00	6.94	1.40
H. O. Algrain Milk Feed.....	H. O. Co.....	14.00	16.46	4.00	4.03	1.50
Husted Stock Feed.....	Husted Milling Co.....	8.00	11.03	4.00	5.82	1.55
Sterling Mix Feed.....	Indiana Milling Co.....	10.00	9.80	3.00	3.00	.....
Sterling Stock Food.....	Great Western Cereal Co.....	10.00	10.42	4.00	4.10	1.35
Star Feed.....	Toledo Elevator Co.....	7.00	8.72	4.50	6.38	1.50
Wirthmore Wheat Feed.....	Charles M. Cox & Co.....	16.00	10.46	4.00	5.03	1.55
MOLASSES FEEDS.						
Dairy Molasses Feed.....	Quaker Oats Co.....	16.00	14.55	3.50	4.17	1.25
Sucrene Dairy Feed.....	American Milling Co.....	16.50	16.20	3.50	4.38	1.40
Sucrene Horse and Mule Feed.....	American Milling Co.....	10.00	10.51	3.00	2.74	1.40
BREWERS' GRAINS.						
Union Dairy Ration.....	Chapin & Co.....	26.00	26.62	5.50	6.86	1.65
Biles Ready Mixed Union Grains.....	J. W. Biles & Co.....	24.00	24.78	7.00	7.19	1.70
Biles XXXX Grains.....	J. W. Biles & Co.....	31.00	31.79	12.00	13.63	1.40
HOMINY FEEDS.						
Wirthmore Hominy Feed.....	Charles M. Cox & Co.....	9.50	10.23	7.50	7.45	1.30
Hominy Feed.....	Buffalo Cereal Co.....	.....	9.90	.....	7.50	1.45
Cream of Corn.....	American Maize Products Co.....	23.00	24.91	.....	2.78	1.50

## OIL MEALS.

Old Process Oil Meal.....	Guy S. Major Co.....	30.00	33.10	5.00	6.13	1.85
Old Process Oil Meal.....	American Linseed Co.....	32.00	38.18	5.00	5.45	2.10

## CALF FEEDS.

Schumacher's Calf Feed.....	Quaker Oats Co.....	19.00	18.95	8.00	7.24	3.30
Calf Meal.....	Blatchford's Calf Meal Co.....	25.00	23.60	5.00	5.26	4.00
Dried Beet Pulp.....	Larrowe Milling Co.....	8.00	9.02	.50	.59	1.35

The following chicken feeds were licensed but were composed of coarsely ground or whole grains and were not analyzed.

Wirthmore Scratch Feed.....	Charles M. Cox Co.....	10.00	.....	3.00	.....	1.40
Wirthmore Chick Feed.....	Charles M. Cox Co.....	11.00	.....	3.00	.....	2.25
Buffalo Scratch Feed.....	Buffalo Cereal Co.....	10.00	.....	3.00	.....	.....
Cyphers Chick Feed.....	Cyphers Incubator Co.....	10.50	.....	3.40	.....	2.15
Sterling Chick Feed.....	Great Western Cereal Co.....	10.53	.....	3.00	.....	2.15
Sterling Scratch Feed.....	Great Western Cereal Co.....	10.00	.....	8.00	.....	1.75
Scratch Feed.....	Park & Pollard.....	10.00	.....	3.00	.....	1.90
Purina Chick Size.....	Ralston Purina Mill Co.....	11.00	.....	3.00	.....	.....
Schumacher's Little Chick Feed.....	Quaker Oats Co.....	10.00	.....	2.50	.....	2.00
Schumacher's Scratching Grains.....	Quaker Oats Co.....	10.00	.....	2.50	.....	1.80
Wyandotte Brand Scratch Feed.....	Ross Bros. & Co.....	8.25	.....	2.25	.....	2.25

## AVERAGE COMPOSITION OF COMMON CATTLE FOODS.

	Water.	Ash.	Protein.	Soluble Carbohy- drates.	Fibre.	Fat.
Alfalfa .....	8.4	7.4	14.3	46.0	25.0	14.0
*Hay, red top.....	8.9	5.2	7.9	47.4	26.6	1.8
*Hay, Timothy.....	13.2	4.4	5.9	45.0	29.0	2.5
*Hay, clover.....	15.3	6.2	12.3	38.1	24.8	3.3
*Hay, Hungarian.....	7.7	6.0	7.5	49.0	27.7	2.1
*Oat fodder.....	8.9	6.2	7.6	45.1	29.3	2.8
*Rye fodder, in bloom.....	8.5	5.9	9.7	43.4	30.2	2.3
*Corn stover.....	40.1	3.4	3.8	31.9	19.7	1.1
†Corn silage.....	80.5	1.5	1.6	10.0	5.8	0.6
*Corn, N. H. Flint.....	10.1	1.5	11.6	70.2	1.1	5.5
*Corn, Western Dent.....	10.6	1.5	10.3	70.4	2.2	5.0
*Corn meal.....	15.0	1.4	9.2	68.7	1.9	3.8
‡Hominy feed.....	9.0	2.8	11.0	65.0	3.6	8.6
*Oats, whole.....	11.0	3.0	11.8	59.7	9.5	5.0
§Corn and oats, pure.....	12.0	2.2	9.8	68.5	3.3	4.2
§Wheat bran, spring.....	10.6	6.0	16.3	53.0	9.4	4.7
§Wheat bran, winter.....	11.7	5.9	15.2	54.8	8.5	3.9
¶Wheat middlings, white....	11.3	2.7	15.8	62.5	3.5	4.2
Wheat middlings, brown....	10.6	3.8	17.8	57.0	5.5	5.3
¶Wheat feed.....	10.8	4.3	17.0	58.1	5.1	4.7
Gluten feed.....	8.6	1.2	26.3	53.4	6.9	3.6
Gluten meal.....	8.8	0.7	35.5	50.3	1.6	3.1
‡Distillers' grains.....	8.8	1.8	32.1	34.9	11.0	11.4
Brewers' grains.....	8.0	3.8	23.1	49.4	10.8	4.9
‡Malt sprouts.....	11.0	5.8	27.1	42.6	11.9	1.6
¶Linseed meal, old process..	9.8	5.5	33.9	35.7	7.3	7.8
¶Linseed meal, new process	9.1	5.8	35.2	38.4	8.5	3.0
¶Cottonseed meal.....	6.9	7.2	44.6	25.1	5.6	10.6

\*Composition of American Feeding Stuffs. Jenkins and Winton.

†Analyses made at the N. H. Experiment Station, 1895-1899.

§Penn. Experiment Station Bulletin, No. 48.

¶Compiled from Feed Inspection Reports of various states.

‡Hatch Experiment Station Bulletin, No. 94.

THE FEEDING-STUFFS INSPECTION  
FOR 1912.



## THE FEEDING-STUFFS INSPECTION FOR 1912.

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The samples for the 1912 feeding-stuffs inspection were taken by Messrs. H. B. Tuttle and J. E. Robinson. In all, 272 samples were obtained, exclusive of duplicates and brands not requiring a license. The inspectors were unable to secure samples of about 50 brands which had been licensed. In many instances, failure to find these brands was due to the fact that the supplies were often at a minimum during the time the samples were taken. Of the number of samples taken 267 have been analyzed for protein and fat. At the last session of the state legislature the feeding-stuffs law was amended to include an inspection of the wheat feeds. The law follows:

### AN ACT TO REGULATE THE SALE OF CONCENTRATED COMMERCIAL FEEDING-STUFFS.

SECTION 1. Every manufacturer, company, or person, who shall sell, offer, or expose for sale or for distribution in this state any concentrated commercial feeding-stuff used for feeding farm live stock, shall furnish with each car or other amount shipped in bulk and shall affix to every package of such feeding-stuff, in a conspicuous place on the outside thereof, a plainly printed statement clearly and truly certifying the number of net pounds in the package sold or offered for sale, the name or trademark under which the article is sold, the name of the manufacturer or shipper, the place of manufacture, the place of business, and a chemical analysis stating the percentages it contains of crude protein, allowing one per centum of nitrogen to equal six and one fourth per centum of protein, of crude fat, and of crude fibre, both constituents to be determined by the methods prescribed by the association of official agricultural chemists. Whenever any feeding-stuff is sold at



retail in bulk or in packages belonging to the purchaser, the agent or dealer, upon request of the purchaser, shall furnish to him the certified statement named in this section.

SECT. 2. The term "concentrated commercial feeding-stuffs," as used in this act, shall include linseed meals, cottonseed meals, pea meals, cocoanut meals, gluten meals, gluten feeds, maize feeds, starch feeds, sugar feeds, dried brewer's grains, malt sprouts, hominy feeds, cerealine feeds, rice meals, oat feeds, corn and oat chops, wheat, rye and buckwheat bran and middlings, ground beef, or fish scraps, mixed feeds and all other materials of similar nature; but shall not include hays and straws, the whole seeds nor the unmixed meals made directly from the entire grains of wheat, rye, barley, oats, Indian corn, buckwheat and broom corn.

SECT. 3. Before any manufacturer, company, or person shall sell, offer, or expose for sale in this state any concentrated commercial feeding-stuffs, he or they shall, for each and every feeding-stuff bearing a distinguishing name or trademark, file annually during the month of December with the secretary of the Board of Agriculture a certified copy of the statement specified in the preceding section., said certified copy to be accompanied, when the secretary shall so request, by a sealed glass jar or bottle containing at least one pound of the feeding-stuff to be sold or offered for sale, and the company or person furnishing said sample shall thereupon make affidavit that said sample corresponds within reasonable limits to the feeding-stuff which it represents, in the percentage of protein and fat which it contains.

SECT. 4. Each manufacturer, importer, agent, or seller of any concentrated commercial feeding-stuffs, shall pay annually during the month of December to the secretary of the Board of Agriculture an analysis fee of fifteen dollars, for each brand offered for sale within the state. Whenever a manufacturer, importer, agent, or seller of concentrated commercial feeding-stuff desires at any time to sell such material and has not paid the analysis fee therefor in the preceding month of December, as required by this section, he shall pay the analysis fee prescribed herein before making any such sale. The amount of analysis fees received by said secretary pursuant to the provisions of this section shall be paid by him to the treasurer of the state of New Hampshire. The treasurer of the state of New Hampshire shall pay from such amount when

duly approved the moneys required for the expense incurred in making the inspection required by this act and enforcing the provisions thereof. The secretary of the Board of Agriculture shall report biennially to the legislature the amount received pursuant to this act, and the expense incurred for salaries, laboratory expenses, chemical supplies, traveling expenses, printing, and other necessary matters. Whenever the manufacturer, importer, or shipper of concentrated commercial feeding-stuff shall have filed the statement required by section 1 of this act and paid the analysis fee as prescribed in this section, no agent or seller of such manufacturer, importer, or shipper shall be required to file such statement or pay such fee.

SECT. 5. The secretary of the Board of Agriculture shall annually cause to be analyzed at the New Hampshire College Agricultural Experiment Station, at least one sample, to be taken in the manner hereinafter prescribed, of every concentrated commercial feeding-stuff sold or offered for sale under the provisions of this act. Said secretary shall cause a sample to be taken, not exceeding two pounds in weight, for said analysis, from any lot or package of such commercial feeding-stuff which may be in the possession of any manufacturer, importer, agent, or dealer in this state; but said sample shall be drawn in the presence of the parties in interest, or their representatives, and taken from a parcel or a number of packages, which shall not be less than ten per centum of the whole lot sampled, and shall be thoroughly mixed, and then divided into two equal samples, and placed in glass vials and carefully sealed and a label placed on each stating the name of the party from whose stock the sample was drawn and the time and place of drawing, and said label shall also be signed by the person taking the sample, and by the party or parties in interest or their representatives at the drawing and sealing of said samples; one of said duplicate samples shall be retained by the secretary and the other by the party whose stock was sampled, and the sample or samples retained by the secretary shall be for comparison with the certified statement named section 3 of this act. The result of the analysis of the sample or samples so procured, together with such additional information as circumstances advise, shall be published in reports or bulletins from time to time.

SECT. 6. Any manufacturer, importer, or person who shall sell, offer, or expose for sale or for distribution in

this state any concentrated commercial feeding-stuff, without complying with the requirements of this act, or any feeding-stuff which contains substantially a smaller percentage of the constituents than are certified to be contained, shall, on conviction in a court of competent jurisdiction, be fined not more than one hundred dollars for the first offense, and not more than two hundred dollars for each subsequent offense.

SECT. 7. Any person who shall adulterate any kind of meal or ground grain with milling or manufacturing offals, or any other substance whatever, for the purpose of sale, unless the true composition, mixture, or adulteration thereof is plainly marked or indicated upon the package containing the same or in which it is offered for sale; or any person who knowingly sells, or offers for sale, any meal or ground grain which has been so adulterated unless the true composition, mixture, or adulteration is plainly marked or indicated upon the package containing the same, or in which it is offered for sale, shall be fined not less than twenty-five or more than one hundred dollars for each offense.

SECT. 8. Whenever said secretary becomes cognizant of the violation of any of the provisions of this act he shall prosecute the party or parties thus reported; but it shall be the duty of said secretary, upon thus ascertaining any violation of this act, to forthwith notify the manufacturer, importer, or dealer in writing, and give him not less than thirty days thereafter in which to comply with the requirements of this article; but there shall be no prosecution in relation to the quality of any concentrated commercial feeding-stuff if the same shall be found substantially equivalent to the certified statement named in section 3 of this article.

SECT. 9. This act shall take effect December first, nineteen hundred and one.

Consumers and manufacturers of high-grade feeds should welcome a more thorough inspection than our law now requires. It is not enough to know that a feed contains so much crude protein, so much crude fat and so much carbohydrates. There is a vast difference in the digestibility of proteins, fats and carbohydrates, depending on whether they are in the form of low-grade or high-

grade products. Therefore the consumer should have a means of knowing the source of the ingredients which go into a feeding-stuff.

There are found on the market a large number of low-grade compounded feeds. The New Hampshire farmer can afford to buy only the high-grade feeds. The freight and overhead charges are as high on the low-grade compounded feeds as on the high-grade feeds, and the selling charges are probably higher. It is a notable fact that neither the market nor the demands of the consumer differentiate at all closely between the value of a low-grade and a high-grade product. For instance, we find a sample of Sterling Mixed Feed, manufactured in Indiana, which was offered on our market at \$1.60 per one hundred pounds. A straight bran or mixed feed might have been bought at the same price. The Sterling Mixed Feed consisted of a mixture of wheat by-products, ground corn cobs and a small amount of corn. In general appearance the feed does not differ much from bran. However, the cobs and other material are present in sufficient quantity to reduce the protein almost 30 per cent, and increase the crude fibre almost 50 per cent. The consumer of such a feed pays a long price for what he gets. It is not necessary to use a microscope to determine the constituents of such a feed. Also, this feed was sold under a misleading name. A *mixed feed* should consist only of wheat by-products. A feed which contains ground corn cobs cannot qualify as a mixed feed.

The writers do not wish in any way to injure the business of the man who sells high-grade compounded feeds, and there are excellent feeds of this sort on the market. The manufacturer of high-grade feeds should have no hesitancy in guaranteeing the ingredients from which the feed is compounded. Such a proceeding would be a good advertisement.

Such low-grade by-products as oat hulls, screenings, cleaned screenings, corn cob meal, flax refuse, oat clips,

straw, etc., should be consumed near the point of manufacture, where freight charges are low. Our New Hampshire consumers *can not afford to pay freight charges and selling commissions* on such material. No business-like farmer will pay grain prices, or nearly so, for by-products no more valuable for feeding purposes than straw or hay or other roughage which can be grown on any New Hampshire farm. While we have singled out one particular feed here in this discussion a number of others would have served our purpose equally well.

A chemical analysis of a feed shows the amount of crude protein, crude fat and crude fibre, but a chemical analysis does not differentiate between the sources from which these constituents come. All of the feeding-stuffs carry these in greater or less quantities. The chemical analysis tells only in what quantities.

The amount of crude fibre indicates to the careful buyer something of the nature of the feeding-stuff. Ground oats carry on the average about nine per cent crude fibre. Ground corn carries about two per cent. It is at once evident from these data that a mixture of equal parts of corn and oats should not carry more than six per cent crude fibre and under no conditions more than nine per cent, otherwise the feed would become suspicious. Ground corn and cob carries about six per cent fibre. Ground oats mixed with corn and cobs could not carry over nine per cent fibre.

The Pennsylvania law prohibits the use of rice hulls, peanut hulls, weed seeds, and also ground corn cobs except in exclusively corn feed. Oat hulls, flax plant refuse, elevator chaff, cottonseed hulls, ground corn stalks, ground corn cobs, in exclusively corn feeds may be used providing that the crude fibre in such feeds does not exceed nine per cent.

Gluten meal is a high-grade product and belongs to the same class as cottonseed meal as a source of protein. Brewers' grains carry a high amount of crude fibre, but



these also carry a high percentage of protein and constitute a high-grade feed. From this it is evident that a feed should not be condemned because of a high amount of crude fibre unless the source of the fibre is known to be present as an adulterant. The crude fibre in brewers' grains cannot be eliminated. On the other hand oat hulls and cottonseed hulls are in evidence in large amounts only when they have been purposely added.

One brand of cottonseed product sold as Cremo cottonseed meal was found with a guaranty of 22 per cent protein. The writers doubt if this could be classed as a cottonseed meal. Cottonseed meal is classed as good, prime and choice, with the percentages of protein 36, 38½, and 41 per cent respectively. This sample carried a very high amount of crude fibre. The guaranteed carbohydrates were not greatly different from the amount in high-grade cottonseed meal. Unless such a product is offered at a reasonable price it is doubtful if it should be purchased at all. The consumer as well as the distributor should bear in mind that Cremo Brand does not qualify as cottonseed meal in the standard classification of cottonseed meals. The consumer should also bear in mind that he is paying freight and other charges on a considerable amount of crude fibre, the feeding value of which is unknown and very low at best.

A large number of poultry feeds are found on the market. The poultry business must be very profitable, otherwise the poultry men could not afford to pay the prices these feeds bring. Without questioning the quality of these feeds, it is safe to say that no well informed business poultryman could be induced at this time to buy a feed analyzing ten per cent protein and three per cent fat at \$40 per ton. However, our consumers are doing this every day. Consumers do not seem to realize that the price of these feeds is fixed largely by the most expensive ingredient regardless of the amount present. When one realizes the prices that our consumers are paying for some of the compounded feeds the argument in favor of home-



mixing from high-grade standard by-products or whole grain meals becomes very forceful. A great deal is said about the economy of buying raw materials for the home-mixing of fertilizers. However much may be said in favor of such a practice, the saving is small when compared to the aggregate losses encountered in the careless purchase of feeds. Our consumers are paying almost as much for the poor feeds as for the good ones. Freight, commissions, and overhead charges tend to bring the selling price of low-grade feeds near the selling price of better feeds. These factors are just as important in their bearing on the cost of feeding-stuffs as on the cost of fertilizers. Another year it is hoped that a determination of the crude fibre and also a microscopical examination of all compounded feeds can be made. In the case of compounded feeds, the microscopical examination is as important as the determinations of fat and protein.

The ultimate value of a feeding-stuff depends on that portion of it which the animal can digest and use to promote growth, to form heat and energy and to provide for the natural waste in the body. It is obvious, therefore, that the value of a feed depends upon its proper use. Care and intelligence should be exercised in the use of concentrates. Otherwise the animal receives an unbalanced ration and a portion of the feed passes through the system in an undigested condition, and therefore unassimilated, and is wasted. Concentrates should be fed in connection with roughage in order to obtain the best results. Not all of the best feeding-stuffs can be digested and taken into the body of the animal. A portion passes through the alimentary canal as waste. The amount which can be digested and assimilated is known as digestible portion, and is generally expressed in percentage of digestible nutrients. The percentage of digestible nutrients varies with the different feeding-stuffs. When high-grade products are properly fed, a large percentage of the proteins and carbohydrates are digestible.

As a matter of reference and a means of getting at the relative value of the more common feeding-stuffs the following tables are given.

The first table shows the average percentage composition of feeding-stuffs as taken from Henry's, Jordan's and Lindsay's Compilations. The second table, taken from the same source, shows the average percentage of digestible nutrients.

TABLE No. 1.  
AVERAGE COMPOSITION OF FEEDING-STUFFS—PER CENT.

	Dry Matter.	Water.	Ash.	Percent Protein.	Fat.	Carbohydrates Nitrogen Fibre. Free Ext'ct.	
Corn .....	89.4	10.6	1.5	10.3	5.0	2.2	70.4
Corn meal.....	85.0	15.0	1.4	9.2	3.8	1.9	68.7
Corn bran.....	90.6	9.4	1.2	11.2	6.2	11.9	60.1
Corn chops.....	87.2	12.3	1.5	9.8	4.4	2.0	69.5
Hominy meal.....	90.4	9.6	2.7	10.5	8.0	4.9	64.3
Gluten feed.....	90.8	9.2	2.0	25.0	3.5	6.8	53.5
Corn and cob meal.....	84.9	15.1	1.5	8.5	3.5	6.6	64.8
Corn cob.....	89.3	10.7	1.4	2.4	0.5	30.1	54.9
Oats .....	89.6	10.4	3.2	11.4	4.8	10.8	59.4
Oat middlings.....	91.2	8.8	4.5	16.2	6.9	7.1	56.5
Oat feed.....	93.0	7.0	5.3	8.0	2.9	21.5	55.3
Wheat .....	89.5	10.5	1.8	11.9	2.1	1.8	71.9
Wheat bran.....	88.1	11.9	5.8	15.4	4.0	9.0	53.9
Wheat middl'gs (shorts)	88.8	11.2	4.4	16.9	5.1	6.2	56.2
Flour middlings.....	90.0	10.0	3.2	19.2	4.8	3.2	59.6
Shipstuff .....	89.1	10.9	5.6	16.3	4.6	7.5	55.1
Barley .....	89.2	10.8	2.5	12.0	1.8	4.2	68.7
Buckwheat .....	86.6	13.4	2.0	10.8	2.4	11.7	59.7
Buckwheat feed.....	88.4	11.6	3.9	18.3	4.9	19.2	42.1
Brewers' dried grains...	91.3	8.7	3.7	25.0	6.7	13.6	42.3
Distillers' dried grains..	92.4	7.6	2.0	31.2	12.2	11.6	35.4
Malt sprouts.....	90.5	9.5	6.1	25.3	1.6	11.6	44.9
Flax seed.....	90.8	9.2	4.3	22.6	33.7	7.1	23.2
Linseed meal (old pro- cess) .....	90.2	9.8	5.5	33.9	7.8	7.3	35.7
Linseed meal (new pro- cess) .....	91.0	9.0	5.5	37.5	2.0	8.9	36.4
Cottonseed .....	89.7	10.3	3.5	18.4	19.9	23.2	24.7
Cottonseed meal.....	93.0	7.0	6.6	45.3	10.2	6.3	24.6
Alfalfa hay.....	91.6	8.4	7.4	14.3	2.2	25.0	42.7
Dried beet pulp.....	91.6	8.4	4.5	8.1	0.7	17.5	60.8
Meat scraps.....	89.3	10.7	4.1	71.2	13.7	.....	0.3
Molasses feed.....	89.6	10.4	6.5	17.1	2.9	11.9	51.2

TABLE No. 2.  
AVERAGE DIGESTIBLE NUTRIENTS OF FEEDS—PER CENT.

	Dry Matter.	Percent Protein.	Fat.	Carbohydrates Nitrogen Fibre. Free Ext'ct.	
Corn .....	81.35	7.83	4.30	1.28	65.47
Corn meal.....	74.80	6.07	3.46	.....	63.29
Corn bran.....	63.42	6.05	4.74	6.78	45.68
Corn chops.....	78.00	6.95	3.88	1.25	64.38
Hominy meal.....	74.13	6.83	7.36	3.28	57.23
Gluten feed.....	79.00	21.25	2.87	5.17	47.62
Corn and cob meal.....	67.07	4.42	2.94	2.97	57.02
Corn cob.....	52.67	0.40	0.25	19.57	32.94
Oats .....	62.72	8.78	4.27	3.35	45.74
Oat middlings.....	82.08	13.12	6.49	3.48	54.24
Oat feed.....	37.20	5.20	2.61	1.88	23.23
Wheat .....	.....	10.2	1.7	.....	69.2
Wheat bran.....	58.15	11.86	2.50	3.69	38.27
Wheat middlings (shorts).....	.....	13.00	4.50	1.86	43.84
Flour middlings.....	73.80	16.90	4.10	1.15	52.45
Shipstuff .....	65.04	12.70	4.00	4.65	42.43
Barley .....	76.71	8.40	1.60	2.10	63.20
Buckwheat .....	61.49	8.10	2.40	2.81	45.37
Buckwheat feed.....	.....	15.6	4.4	.....	38.2
Brewers' dried grains.....	56.61	20.00	6.00	6.80	25.38
Distillers' dried grains.....	73.00	22.78	11.60	11.02	28.67
Malt sprouts.....	70.59	20.30	1.40	9.63	36.37
Flax seed.....	69.92	20.60	29.00	4.26	12.76
Linseed meal (old process)....	71.26	30.20	6.90	4.16	27.85
Linseed meal (new process)....	74.62	31.50	2.40	6.59	29.12
Cottonseed .....	59.20	12.50	17.30	17.63	12.35
Cottonseed meal.....	71.61	37.60	9.60	2.21	19.19
Alfalfa hay.....	.....	10.44	0.31	10.00	29.89
Dried beet pulp.....	70.53	4.10	.....	12.60	52.29
Meat scraps.....	83.05	66.20	13.40	.....	.....
Molasses feed.....	64.51	10.80	2.20	6.55	41.47

## THE CONSTITUENTS OF FEEDING-STUFFS.

In the complete chemical analysis of a feeding-stuff the following determinations are made: moisture, ash, protein, fat, fibre, and nitrogen free extract. The value of a feeding-stuff is generally based on the amount of protein and fat it contains. For that reason these two constituents are often the only ones determined. We are, however, beginning to realize that while the amount of protein and fat is important, at the same time the carbohydrates are also very important and in many classes of feeding-stuffs form the chief source of value.

## MOISTURE.

Water is present to some extent in all classes of feeds. The per cent in most cases varies between five and fifteen. The amount varies with the nature of the feed, the process of manufacture, and the manner of storage.

## ASH.

The ash of a feed is the residue left after burning off the organic matter. It is the inorganic or mineral constituent of the plant. This part of the feed furnishes the material for the bones of the animal.

## CRUDE PROTEIN.

By crude protein is meant that portion of a feeding-stuff which contains nitrogen. Nitrogenous feeds build up muscular tissue and are of the greatest importance in determining the value of a feed.

## CRUDE FAT.

The term crude fat is rather arbitrarily used to include all the substances of the feed soluble in dry ether or similar solvents. They are the pure fats, such as cottonseed oil,

linseed oil, etc., and the waxes, resins, chlorophyl, etc. These latter substances are generally so small in amount that for practical purposes the ether extract of a feed represents the amount of fat which it contains. The fats furnish fuel and are readily digested by the animal.

#### FIBRE.

The crude fibre in a feeding-stuff is that portion which goes to make up the cell-walls and structural material of the plant. It is fairly indigestible, and in general a *high* percentage of crude fibre indicates a *low-grade* feed.

#### NITROGEN-FREE EXTRACT.

The nitrogen-free extract is that portion of the feed readily extracted by water or dilute acids and composed of non-nitrogenous materials. The principal substances included under the term are the starches and sugars.

#### CARBOHYDRATES.

The term carbohydrates is sometimes used in speaking of feeding-stuffs. It is generally used to include both crude fibre and nitrogen-free extract. A feeding-stuff which contains small amounts of moisture, ash and crude fibre must be classed as high grade, if digestible. When these constituents are present in small amounts the total amount of the valuable constituents—protein, fat and nitrogen-free extract—must be high.

#### THE VALUE OF A CHEMICAL EXAMINATION OF COMMERCIAL FEEDING-STUFFS.

The chemical analysis of feeding-stuffs is valuable in many ways, chief of which are the following:

- I. It shows whether or not the guarantys of the manufacturer are correct.



2. It protects the buyer against the unscrupulous manufacturer or retailer.

3. It aids the buyer in deciding money values in purchasing feed.

4. It affords a clue as to the nature of the constituents of the feed.

5. It furnishes data for making up any desired feeding ration.

6. It enables the consumer to decide whether it is a useful feed for his particular purpose.

The following definitions are given for the use of the consumer and represent the terms used for the particular feeding-stuffs by the general trade.

#### GENERAL DEFINITIONS.

##### COTTONSEED MEAL.

Cottonseed meal is the meal obtained from the cottonseed kernel after the extraction of the oil. The following standard classification adopted by the Inter-State Cottonseed Crushers' Association will interest the buyer of cottonseed meal:

*"Choice cottonseed meal* must be finely ground, perfectly sound and sweet in odor, yellow, free from excess of lint, and by analysis must contain 49 per cent of combined protein and fat."

*"Prime cottonseed meal* must be finely ground, of sweet odor, reasonably bright in color, yellow, not brown or reddish, free from lint, and contain at least 46 per cent of combined protein and fat."

*Good cottonseed meal* must be finely ground, of sweet odor, reasonably bright in color, and by analysis must contain at least 43 per cent of combined protein and fat.

##### LINSEED MEAL.

Linseed meal, oil meal, or flaxseed meal is the residue from the extraction of oil from flaxseed. The oil is ex-

tracted by two processes, known as the old process and the new process. In the old process the oil is simply expressed from the seed by hydraulic pressure. In the new process naphtha or a similar solvent is used to extract the oil. On account of the extraction being more complete when a solvent is used, the new process generally contains less fat than the old process, while they contain about the same per cent protein.

#### WHEAT PRODUCTS.

*Wheat bran* is the coarse outer covering of the wheat berry. It contains much of the fibrous material of the grain, but is rich in protein.

*Middlings or shorts.* These terms have generally the same meaning in the trade, and are the fine particles of the outer bran as well as considerable starchy matter. They are the intermediate product between bran and flour.

*Red dog* is a low-grade wheat flour containing the finer particles of bran.\*

*Wheat mixed feed* or shipstuff is a mixture of the by-products from the milling of the wheat berry.\*

*Mixed feed.* The term mixed feed has been so generally used to mean a mixture of wheat products that it is practically a misrepresentation to use the term to mean a mixture of other cereals. A feed carrying less than fifteen per cent protein and four per cent fat cannot be a good mixed feed.

#### CORN PRODUCTS.

*Corn bran* is the outercoating of the corn kernel.\* It has a low feeding value.

*Corn and cob meal* is the ground whole ear of corn. In this case the cobs are not considered an adulterant.

*Gluten meal* is a product obtained in the manufacture of starch and glucose from corn. It is the flinty portion of the kernel which lies in its outer circumference just beneath the hull.\*

\*Definitions marked (\*) are those adopted by the Association of Feed Control Officials of the United States.

*Gluten feed* is a product obtained in the manufacture of starch and glucose from corn, and is a mixture of gluten meal and corn bran to which may be added the residue resulting from the evaporation of the so-called "steep water."\*

*Corn feed meal* is the siftings obtained in the manufacture of cracked corn and table meal made from the whole grain.\*

*Hominy meal, feed or chop* is the bran and germs of the corn kernel and may contain a part of the starchy portion of the kernel.\*

#### DISTILLERY AND BREWERY BY-PRODUCTS.

*Distillers' dried grains* are the dried residue from cereals obtained in the manufacture of alcohol and distilled liquors.\*

*Brewers' dried grains* are dried barley grains after they have been malted and the soluble sugar and dextrin extracted.

*Malt sprouts* are the sprouts of the barley grain.\*

*Alfalfa meal* is the entire alfalfa hay ground and does not contain an admixture of ground alfalfa straw or other materials.\*

*Meat meal* is finely ground beef scraps.\*

*Buckwheat shorts or middlings* are that portion of the buckwheat grain immediately inside of the hull after separation from the flour.\*

*Molasses feeds* are generally a mixture of some filler such as oat hulls, oat clippings, flax bran, or grain screenings with molasses and a concentrated feed, such as cottonseed meal, brewers' grains, or malt sprouts.

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\*Definitions marked (\*) are those adopted by the Association of Feed Control Officials of the United States.

BRAND.	MANUFACTURED BY	PROTEIN.		FAT.		Grade Fibre
		Found.	Guaran- teed.	Found.	Guaran- teed.	
COTTONSEED MEALS.						
Cottonseed Meal.....	American Milling Co., Chicago, Ill.	38.96	41.00	8.22		
Dove Brand Cottonseed Meal.....	F. W. Brodie & Co., Memphis, Tenn.	37.12	38.50	7.23	6.00	10.00
Owl Brand Cottonseed Meal.....	F. W. Brodie & Co., Memphis, Tenn.	42.47	41.00	8.56	6.00	10.00
Buckeye Prime Cottonseed Meal.....	Buckeye Cotton Oil Co., Cincinnati, Ohio.	39.93	39.00	6.50	6.50	10.00
Cottonseed Meal.....	S. P. Davis, Little Rock, Ark.	40.24	41.00	6.88	7.00	10.50
Good Luck Brand Cottonseed Meal.....	S. P. Davis, Little Rock, Ark.	43.08	41.00	9.40	7.00	10.50
Cottonseed Meal.....	Florida Cotton Oil Co., Jacksonville, Fla.	38.18	38.62	8.71	7.00	
Cremo Brand Cottonseed Meal.....	Humphreys-Goodwin Co., Memphis, Tenn.	31.71	22.00	4.82	5.00	22.00
Dixie Brand Cottonseed Meal.....	Humphreys-Goodwin Co., Memphis, Tenn.	39.33	38.62	8.48	6.00	12.00
Peacock Brand Cottonseed Meal.....	Keeton-Knieger Co., Atlanta, Ga.	39.31	41.00	6.78	6.00	10.00
Standard Grade Cottonseed Meal.....	Naccon Manufacturing Co., Macon, Ga.	39.76	38.61	8.55		
"Selden" Cottonseed Meal.....	Memphis C'n S'd Prod. Co., Memphis, Tenn.	38.79	41.00	9.54	6.00	10.00
Dirigo Cottonseed Meal.....	W. Newton Smith, Baltimore, Md.	41.02	41.00	7.96	7.00	10.50
Pioneer Cottonseed Meal.....	J. E. Soper, Boston, Mass.	41.42	41.00	8.53	8.00	10.00
Cottonseed Meal.....	Weleetka Cotton Oil Co., Weleetka, Okla.	41.34		9.48		
Choice Cottonseed Meal.....	Wynwood Cotton Oil & Mfg. Co., Wynne- wood, Okla.	41.51		7.02		
LINSEED MEALS.						
Cleveland Flax Meal or Linseed Oil Meal.....	American Linseed Co., Chicago, Ill.	38.44	36.00	.88	1.00	7.50
Old Process Oil Meal.....	American Linseed Co., New York.	35.54	34.00	6.54	5.00	8.00
Pure Old Process Oil Meal.....	Kelloggs & Miller, Amsterdam, N. Y.	35.38	33.00	8.55	5.00	7.50
Old Process Oil Meal.....	Guy G. Major Co., Toledo, Ohio.	30.43	30.00	6.26	5.00	10.00
Ground Oil Cake.....	Wing Linseed Co., Wing, Minn.	30.02	30.00	7.88	6.00	9.00
MEAT FEEDS.						
Ground Beef Scraps.....	The Am. Agr. Chem. Co., New York City.	43.34	40.00	14.28	5.00	6.00
Bone Meal for Cattle.....	The Am. Agr. Chem. Co., New York City.	16.90	10.00	8.76	4.00	
Bradley's Superior Meat Meal.....	The Am. Agr. Chem. Co., New York City.	42.12	30.00	9.61	8.00	5.00
Beach's Star Brand Granulated Bone Meal.....	Beach Soap Co., Lawrence, Mass.	22.85	25.00	10.05	5.00	
Beach's Star Brand Meat and Bone Meal.....	Beach Soap Co., Lawrence, Mass.	22.99	30.00	10.00	10.00	6.00

BRAND.	MANUFACTURED BY	PROTEIN.		FAT.		Crude Fibre Guaranteed.
		Found.	Guaranteed.	Found.	Guaranteed.	
Pure Ground Beef Scraps.....	Beach Soap Co., Lawrence, Mass.....	36.43	40.00	17.25	20.00	7.00
Bowker's Animal Meal.....	Bowker Fertilizer Co., New York and Boston.....	42.79	40.00	10.78	5.00	15.00
Breck's Poultry and Swine Meal.....	Joseph Breck & Sons, Boston, Mass.....	32.22	32.00	11.84	10.00	.....
Burlington Cooked-Meat Scraps (for poultry).....	Burlington Rendering Co., Burlington, Vt....	41.42	40.00	14.17	8.00	.....
Beef Scraps.....	John C. Dow Co., Boston, Mass.....	42.51	43.00	15.47	12.00	.....
Beef Scraps.....	W. D. Higgins, So. Framingham, Mass.....	36.60	30.00	18.68	12.00	.....
Cooked-Meat Scraps.....	Hinkley Rendering Co., Somerville, Mass....	38.89	35.00	10.26	8.00	.....
Red Star Brand Fish Scraps.....	International Glue Co., Boston, Mass.....	44.93	54.70	3.12	2.05	.....
Poultry Food prepared from cooked meat scraps.....	Manchester Render'g Co., Manchester, N. H....	41.37	40.00	9.36	8.00	.....
Marsh's Beef Meat Meal.....	The George E. Marsh Co., Lynn, Mass.....	42.82	36.00	11.69	8.00	.....
Marsh's Pure Ground Beef Scraps.....	The George E. Marsh Co., Lynn, Mass.....	46.57	45.00	14.75	10.00	.....
Ground Scraps.....	Carroll S. Page, Hyde Park, Vt.....	45.08	40.00	17.11	25.00	.....
Blue Ribbon Meat Scraps.....	Park & Pollard Co., Boston, Mass.....	47.28	60.00	15.37	10.00	.....
Cooked-Meat Scraps.....	Portland Rendering Co., Portland, Me.....	38.65	40.00	17.39	8.00	.....
Sanborn High Grade Meat Meal.....	H. W. Sanborn (sold by), Pittsfield, N. H....	47.10	40.00	10.22	8.00	.....
Swift's-Lowell Bone and Meat Meal.....	Swift's-Lowell Fertilizer Co., Boston, Mass....	38.27	35.00	12.24	8.00	.....
Swift's-Lowell Cooked Meat Scraps.....	Swift's-Lowell Fertilizer Co., Boston, Mass....	44.92	40.00	10.76	8.00	.....
Whitman & Pratt's Pure Beef Scraps.....	Whitman & Pratt Rend'g Co., Lowell, Mass....	45.70	45.00	14.88	10.00	.....
Poultry Food.....	Worcester Rendering Co., Auburn, Mass.....	46.28	40.00	11.17	8.00	.....
MISCELLANEOUS FEEDS.						
Cob Meal.....	A. Walker & Co., Henderson, Ky.....	2.34	1.95	.30	.38	.50
Shredded Wheat Waste.....	Shredded Wheat Co., Niagara Falls, N. Y....	12.24	10.00	1.95	1.50	2.00
Argo Corn Oil Meal.....	Corn Products Refining Co., New York City....	20.25	19.00	8.38	7.50	15.00
Pure Buckwheat Middlings.....	Larrowe Milling Co., Cohocton, N. Y.....	16.59	20.00	3.96	4.60	15.00
DISTILLERS' GRAINS.						
Dearborn Distillers' Dried Grains.....	The J. W. Biles Co., Cincinnati, Ohio.....	22.72	22.00	8.75	8.00	15.00
Horton Distillers' Dried Grains.....	The Hottelet Co., Milwaukee, Wis.....	26.00	30.00	9.28	10.00	4.00
Pure Rye Grains.....	The Hottelet Co., Milwaukee, Wis.....	15.37	16.00	5.47	9.00	14.00

## MALT SPROUTS.

Malt Sprouts.....	25.87	23.70	2.70	14.00
Malt Sprouts.....	26.70	25.00	1.50	17.00

## BEET PULPS.

Dried Beet Pulp.....	11.17	8.00	.50	20.00
Dried Beet Pulp.....	9.15	8.00	.50	20.00
Dried Beet Pulp.....	10.25	8.00	.50	20.00

## GLUTEN FEEDS.

Cream of Corn Gluten Feed.....	25.44	23.00	2.53	8.60
Buffalo Gluten Feed.....	26.37	23.00	2.50	8.50
Crescent Gluten Feed.....	23.02	23.00	2.50	8.50
Diamond Gluten Feed.....	41.33	40.00	1.50	8.50
Globe Gluten Feed.....	24.43	23.00	2.50	8.50
Clinton Gluten Feed.....	24.89	20.00	3.00	8.00
Jenk's Gluten Feed.....	22.90	23.00	3.00	8.00

## POULTRY MASHES.

Brown's Growing Feed.....	15.11	13.00	4.82	4.00
Buffoco Poultry Feed.....	13.77	15.00	2.88	4.00
Wirthmore Growing Feed.....	11.65	12.00	2.98	5.00
Wirthmore Poultry Mash Feed.....	13.81	17.00	4.18	4.00
Hen-o-Lay Mash.....	16.68	13.00	3.37	4.00
Grandin's Poultry Mash.....	19.64	15.00	4.96	8.00
Greene's Fish Mash for Poultry.....	12.72	22.00	5.73	19.64
Green River Grain Co.'s Poultry Food.....	17.78	12.00	3.40	8.00
Purity Poultry Mash.....	16.72	16.46	4.25	.....
H. O. Company's Poultry Feed.....	15.50	17.00	5.00	18.70
Husted Laying Mash.....	17.22	15.00	5.13	9.00
Kimball's Dry Mash.....	17.60	15.00	3.00	8.00
Dry Mash (Maine State Formula).....	18.70	.....	.....	.....
Laying Mash.....	20.81	19.19	5.23	.....
Meal Cereal.....	11.82	11.50	3.50	.....
Pattening Feed.....	10.03	10.00	3.35	3.00
Dry Mash Feed.....	21.24	20.00	3.49	10.00
Growing Feed.....	13.95	10.00	3.82	5.00
American Poultry Feed.....	13.29	12.00	3.50	9.00



BRAND.	MANUFACTURED BY	PROTEIN.		FAT.		Crude Fibre Guaranteed.
		Found.	Guaran- teed.	Found.	Guaran- teed.	
Calf Feeds.						
Blatchford's Calf Meal.....	Blatchford Calf-Meal Fact'y, Waukegan, Ill.	24.26	25.00	6.25	5.00	5.00
Greyson's Calf Meal.....	Great Western Cereal Co., Chicago, Ill.	26.84	25.00	6.65	5.00	5.00
Triangle Calf Meal.....	Flint Meal Co., Milwaukee, Wis.	21.19	22.00	10.10	10.00	.....
Schumaker Calf Meal.....	Quaker Oats Co., Chicago, Ill.	19.13	19.00	8.09	8.00	3.00
Hominy Feeds.						
Buffeco Hominy Feed.....	Buffalo Cereal Co., Buffalo, N. Y.	10.50	10.00	8.00	7.00	4.00
Evans Hominy Feed.....	Evans Milling Co., Indianapolis, Ind.	10.95	10.00	8.61	7.50	7.00
Choice Steam Cooked Hominy Feed...	Miner-Hilliard Mill'g Co., Wilkes-Barre, Pa.	11.74	10.00	6.86	7.50	5.00
Wheat Feeds.						
Acme Feed.....	Acme Evans Co., Indianapolis, Ind.	16.92	16.00	4.00	4.00	9.00
No. 2 Bran.....	Allen & Wheeler Co., Troy, Ohio.....	15.98	14.50	4.09	4.00	9.50
William Tell Bran.....	The Ansted & Burk Co., Springfield, Ohio.....	15.01	14.00	3.59	3.00	11.50
William Tell Middlings.....	The Ansted & Burk Co., Springfield, Ohio.....	15.10	14.00	4.45	4.00	7.50
Mixed Feed.....	The Ansted & Burk Co., Springfield, Ohio.....	16.73	14.50	3.65	3.50	11.50
Fancy White Wheat Mixed Feed.....	E. W. Bailey & Co., Montpelier, Vt.....	17.51	16.00	3.38	3.75	8.50
Fancy Winter Middlings.....	Barber Milling Co., Minneapolis, Minn.....	17.73	17.00	5.24	5.00	6.00
Pure Wheat Middlings.....	Barber Milling Co., Minneapolis, Minn.....	18.52	14.00	6.20	4.00	8.00
Star Bran Flakes.....	Barber Milling Co., Minneapolis, Minn.....	15.90	13.00	4.20	4.00	10.00
White Satin Mixed Feed.....	Barber Milling Co., Minneapolis, Minn.....	17.38	16.00	4.44	4.50	9.00
Winona Fancy Flaky Bran.....	Bay State Milling Co., Winona, Minn.....	15.50	15.00	4.90	4.00	11.00
Badger Standard Middlings.....	Berger-Crittenden Mill. Co., Milwaukee, Wis.	17.34	17.00	5.30	4.50	3.50
Choice Flour Middlings.....	L. Christian & Co., Minneapolis, Minn.....	17.95	17.50	5.25	5.15	5.98
Claro Middlings.....	Claro Milling Co., Waseca, Minn.....	17.17	15.00	5.25	3.00	8.00
Waubek Mixed Feed.....	Commercial Milling Co., Detroit, Mich.....	14.93	14.61	5.61	4.55	.....
Winter Wheat Middlings.....	Wm. A. Coombs Mill. Co., Cold Water, Mich.	16.33	15.00	4.18	3.00	9.00
Winter Wheat Bran.....	Wm. A. Coombs Mill. Co., Cold Water, Mich.	15.30	14.00	3.40	3.00	10.00
Winter Wheat Mixed Feed.....	Wm. A. Coombs Mill. Co., Cold Water, Mich.	17.32	15.00	4.63	3.00	10.00
Regent Fancy Mixed Feed.....	Charles M. Cox Co., Boston, Mass.....	15.64	15.00	4.58	3.00	10.00
Wirthmore Middlings.....	Charles M. Cox Co., Boston, Mass.....	17.12	15.00	4.00	4.00	5.00
Wirthmore Mixed Feed.....	Charles M. Cox Co., Boston, Mass.....	17.03	16.00	4.79	4.00	7.00

Splendid Heavy Mixed Feed.....	16.11	4.80	4.60	15.00	4.80	4.60	15.00
Duluth Imperial Bran.....	15.06	4.22	4.00	14.50	4.22	4.00	14.50
Boston Mixed Feed.....	16.03	4.50	4.30	16.00	4.50	4.30	16.00
Pure Bran.....	14.54	4.90	4.40	14.50	4.90	4.40	14.50
Pure Wheat Shorts.....	17.43	4.84	5.00	16.00	4.84	5.00	16.00
Eaco Winged Horse Mixed Feed.....	17.34	4.99	3.00	15.00	4.99	3.00	15.00
Lucky Spring Flour Middlings.....	18.74	5.30	4.00	15.00	5.30	4.00	15.00
Lucky Spring Mixed Feed.....	17.43	4.64	4.00	14.00	4.64	4.00	14.00
Lucky Winter Bran.....	15.17	3.72	3.50	13.50	3.72	3.50	13.50
Sphinx Spring Fancy Middlings.....	16.64	4.31	4.00	17.00	4.31	4.00	17.00
Pure Wheat Standard Middlings.....	16.00	4.60	4.00	14.00	4.60	4.00	14.00
Xtragood Mixed Feed.....	16.51	4.61	4.00	16.00	4.61	4.00	16.00
Gwinn's Mixed Feed.....	16.82	4.59	4.50	16.39	4.59	4.50	16.39
Gwinn's Wheat Middlings.....	18.04	5.86	6.00	17.00	5.86	6.00	17.00
Soft Winter Mixed Feed.....	16.37	4.59	4.00	14.50	4.59	4.00	14.50
Purity Mixed Feed.....	16.20	4.00	4.00	15.00	4.00	4.00	15.00
Pure Wheat Bran.....	15.98	4.29	.....	.....	4.29	.....	.....
Pure Wheat Middlings.....	16.82	4.92	.....	.....	4.92	.....	.....
Pure Wheat Shorts.....	17.17	4.77	.....	.....	4.77	.....	.....
Winter Sunshine Mixed Feed.....	14.50	4.20	4.00	14.50	4.20	4.00	14.50
Standard Fine Middlings.....	17.60	5.43	5.10	14.50	5.43	5.10	14.50
Mixed Feed.....	15.37	4.74	4.60	12.18	4.74	4.60	12.18
Middlings.....	14.43	3.48	3.60	15.12	3.48	3.60	15.12
*Sterling Mixed Feed.....	10.20	3.35	2.75	9.80	3.35	2.75	14.00
Eastern Mill Feed, Pure Wheat Bran and Flour Mixed Feed.....	18.47	3.96	3.50	17.00	3.96	3.50	8.00
Snow Flake Mixed Feed.....	16.64	4.16	4.30	15.20	4.16	4.30	8.00
Bran.....	16.38	4.63	.....	.....	4.63	.....	.....
*Powerful Middlings.....	17.30	5.39	5.25	15.75	5.39	5.25	10.00
*Connecticut Mixed Feed.....	10.94	3.05	2.75	9.80	3.05	2.75	14.00
Osota Mixed Feed.....	17.03	5.13	4.50	17.00	5.13	4.50	8.00
Powerful Standard Middlings.....	16.25	5.53	4.50	15.00	5.53	4.50	8.00
Seal of Minnesota Bran.....	18.77	4.87	4.00	13.50	4.87	4.00	12.50
Seal of Minnesota Standard Middlings.....	18.70	6.15	5.07	17.00	6.15	5.07	6.05
Planet Feed.....	17.40	4.51	4.50	14.00	4.51	4.50	8.00
Pure Wheat Bran.....	17.25	4.89	4.00	15.00	4.89	4.00	8.00
Pure Wheat Middlings.....	16.25	4.20	4.00	14.50	4.20	4.00	11.00
XXX Comet Pure Wheat Middlings.....	16.38	5.40	4.50	15.00	5.40	4.50	10.00
Empire Fancy Heavy Mixed Feed.....	17.34	4.54	3.00	16.50	4.54	3.00	3.00
New Era Middlings.....	15.32	4.00	3.00	15.00	4.00	3.00	10.00
Tekonsha Mills Pure Wheat Bran.....	16.68	5.13	4.00	15.00	5.13	4.00	.....
Pillsbury's B. Middlings.....	14.95	3.59	3.00	14.00	3.59	3.00	13.00
Pillsbury's B. Middlings.....	17.07	4.93	4.50	15.00	4.93	4.50	8.00
Pillsbury's B. Middlings.....	16.51	5.22	4.50	15.00	5.22	4.50	8.00
Pillsbury's Middlings.....	15.78	5.24	4.50	15.00	5.24	4.50	6.00

\* Adulterated with ground cob and a little corn.

BRAND.	MANUFACTURED BY	PROTEIN.		FAT.		Crude Fibre Guaranteed.
		Found.	Guaranteed.	Found.	Guaranteed.	
Pillsbury's Fancy Mixed Feed.....	Pillsbury Milling Co., Minneapolis, Minn....	16.27	16.00	4.51	4.50	8.00
Pillsbury's Pure Unadulterated B. Wheat Middlings.....	Pillsbury Milling Co., Minneapolis, Minn....	15.98	15.00	5.45	4.50	6.00
Pillsbury's Pure and Unadulterated Hard Wheat Bran.....	Pillsbury Milling Co., Minneapolis, Minn....	15.30	14.50	4.07	4.00	11.00
Pillsbury's XX Daisy Middlings.....	Pillsbury Milling Co., Minneapolis, Minn....	18.67	15.00	4.75	4.50	4.00
Pillsbury's XX Pure Wheat Product.....	Pillsbury Milling Co., Minneapolis, Minn....	18.22	16.00	4.78	4.50	4.00
Go Far Wheat Feed.....	Red Wing Milling Co., Red Wing, Minn....	17.34	16.50	4.77	4.10	8.50
Regular Wheat Feed.....	Russell Flour Co., Albany, N. Y.....	16.96	15.00	4.83	4.50	10.00
Bran.....	Russell-Miller Milling Co., Minneapolis....	17.60	13.00	4.31	4.00	11.00
Flour Middlings.....	Russell-Miller Milling Co., Minneapolis....	17.16	16.00	4.00	5.00	6.00
Occident Mixed Feed.....	Russell-Miller Milling Co., Minneapolis....	16.86	15.00	4.52	4.50	10.00
Regular Wheat Feed.....	Russell-Miller Milling Co., Minneapolis....	17.03	15.00	4.83	4.50	10.00
Standard Middlings.....	Russell-Miller Milling Co., Minneapolis....	17.52	15.00	5.64	4.00	9.00
Sleepy Eye Milling Co.'s Middlings..	Sleepy Eye Milling Co., Minneapolis....	18.47	16.65	6.34	4.39	8.95
Wabash Mixed Feed.....	Spark's Milling Co., Terre Haute, Ind....	16.02	14.00	4.12	3.50	8.00
Bran.....	St. Albans Grain Co., St. Albans, Vt.....	14.49	15.50	4.16	5.00	9.00
Hygrade Mixed Feed.....	St. Albans Grain Co., St. Albans, Vt.....	16.11	16.00	4.83	4.00	8.00
Red Dog Middlings.....	Star & Crescent Milling Co., Chicago, Ill....	17.52	16.50	4.17	4.00	8.00
Middlings.....	F. W. Stock & Co., Hillsdale, Mich.....	16.77	16.50	4.98	.....	.....
Monarch Mixed Bran and Middlings..	F. W. Stock & Co., Hillsdale, Mich.....	16.12	.....	4.75	.....	.....
Superior Mixed Bran and Middlings and Flour.....	F. W. Stock & Co., Hillsdale, Mich.....	17.42	.....	4.03	.....	.....
Pure Wheat Country Middlings.....	W. H. Stokes Milling Co., Watertown, S. D....	16.75	16.50	5.25	5.00	5.59
Pure Wheat Shorts.....	W. H. Stokes Milling Co., Watertown, S. D....	16.87	16.50	5.37	5.00	5.69
Stott's Climax Middlings.....	David Stott, Detroit, Mich.....	17.52	18.00	5.20	5.00	8.00
Stott's Fine White Middlings.....	David Stott, Detroit, Mich.....	15.54	16.00	4.50	5.00	8.00
Stott's Heavy Pure Mixed Wheat Feed.	David Stott, Detroit, Mich.....	16.03	16.00	4.40	5.00	9.00
Stott's Honest Mixed Feed.....	David Stott, Detroit, Mich.....	15.63	16.50	4.51	4.50	9.00
Stott's Mixed Feed.....	David Stott, Detroit, Mich.....	16.82	18.00	4.61	5.00	.....
Stott's Pennant Pure Winter Wheat Middlings.....	David Stott, Detroit, Mich.....	17.02	17.00	5.01	5.50	8.00
Stott's Pure Spring Wheat Bran.....	David Stott, Detroit, Mich.....	16.95	16.00	4.55	4.50	11.00
Bran.....	Stratton & Co., Concord, N. H.....	16.14	.....	4.24	.....	.....
Mixed Feed.....	Stratton & Co., Concord, N. H.....	16.25	.....	4.12	.....	.....

Stratton & Co.'s Middlings.....	16.20	4.26
Pure Wheat Red Dog Flour.....	20.91	3.71
Pure Wheat Bran.....	13.20	4.90
Mixed Wheat Feed.....	16.03	3.00
Wheat Bran.....	14.00	4.70
Choice Wheat Middlings.....	15.60	4.21
Farmers' Favorite Choice Wheat Bran	17.08	4.63
Farmers' Favorite Winter Wheat	16.84	3.01
Mixed Corn Feed.....	17.75	3.43
Vinco Winter Wheat Bran.....	16.37	3.58
Voigt's Pure Middlings.....	15.72	4.25
Voigt's Pure Winter Wheat Bran.....	16.46	5.00
Big John Bran.....	15.42	3.95
Mill Run Bran Mixed Feed.....	15.85	10.41
Washburn-Crosby's Adrian Flour	15.90	4.62
Middlings.....	15.00	9.00
Washburn-Crosby's Hard Wheat Su-	17.00	5.00
perior Mixed Feed.....	17.00	5.00
Washburn-Crosby's Flour Middlings.....	16.51	4.50
Washburn-Crosby's Pure Hard Wheat	17.17	5.00
Coarse Bran.....		6.00
Washburn-Crosby's Pure Hard Wheat	14.57	4.00
Flour Middlings.....	17.12	4.00
Washburn-Crosby's Pure Hard Wheat	17.00	5.00
Standard Middlings.....	15.00	8.00
Washburn-Crosby Co.'s Rye Middlings	17.03	3.00
Bran.....	16.82	3.69
Kent Mixed Feed.....	12.00	10.86
	16.25	9.00
COMPOUNDED FEEDS.		
Ajax Flakes.....	30.35	12.85
Dairy Suet Feed.....	16.83	3.50
Suet Alfalfa Horse and Mule Feed	13.62	12.00
Fourx Distillers' Dried Grains.....	23.61	3.04
Union Grains.....	29.03	7.00
Buteco Creamery Feed.....	23.94	14.00
Buteco Stock Feed.....	20.53	12.00
Buteco Horse Feed.....	12.39	9.00
Buteco Dairy Ration.....	10.29	4.00
Unicorn Dairy Ration.....	28.85	5.71
Unicorn Dairy Ration.....	26.00	4.00
Henkel's Fine White Feed.....	26.91	5.50
Charlestock Feed.....	15.00	6.00
	7.45	3.50
	6.00	4.00
Stratton & Co., Concord, N. H.....	14.00	3.00
Tennant & Hoyt Co., Lake City, Minn.....	13.20	3.71
Tennant & Hoyt Co., Lake City, Minn.....	16.03	4.90
Thornton & Chester Mill'g Co., Buffalo, N. Y.....	14.00	3.00
George Urban Milling Co., Buffalo, N. Y.....	15.60	4.70
Valley City Mill'g Co., Grand Rapids, Mich.....	17.08	4.21
Valley City Mill'g Co., Grand Rapids, Mich.....	16.84	4.00
Valley City Mill'g Co., Grand Rapids, Mich.....	17.75	4.63
Valley City Mill'g Co., Grand Rapids, Mich.....	16.37	3.01
Valley City Mill'g Co., Grand Rapids, Mich.....	15.72	3.43
Voigt Milling Co., Grand Rapids, Mich.....	16.46	3.58
Voigt Milling Co., Grand Rapids, Mich.....	15.42	4.25
Wabasha Roller Mills Co., Wabasha, Minn.....	15.85	5.00
Wagoner-Gates Mill'g Co., Independence, Mo.....	15.90	5.00
Washburn-Crosby Co., Minneapolis, Minn.....	17.00	3.10
Washburn-Crosby Co., Minneapolis, Minn.....	17.00	4.00
Washburn-Crosby Co., Minneapolis, Minn.....	16.51	4.50
Washburn-Crosby Co., Minneapolis, Minn.....	17.17	5.00
Washburn-Crosby Co., Minneapolis, Minn.....	14.57	4.00
Washburn-Crosby Co., Minneapolis, Minn.....	17.12	4.86
Washburn-Crosby Co., Minneapolis, Minn.....	16.20	5.14
Washburn-Crosby Co., Minneapolis, Minn.....	17.03	3.69
Western Canada Flour Mills Co., Canada.....	16.82	4.80
The Williams Bros. Co., Kent, Ohio.....	16.25	2.00
Ajax Mill'g & Feed Co., New York & Buffalo	30.35	11.00
American Milling Co., Chicago, Ill.....	16.83	3.50
American Milling Co., Chicago, Ill.....	13.62	12.00
J. W. Biles Co., Cincinnati, Ohio.....	23.61	3.04
J. W. Biles Co., Cincinnati, Ohio.....	29.03	7.00
J. W. Biles Co., Cincinnati, Ohio.....	23.94	14.00
Buffalo Cereal Co., Buffalo, N. Y.....	20.53	12.00
Buffalo Cereal Co., Buffalo, N. Y.....	12.39	9.00
Buffalo Cereal Co., Buffalo, N. Y.....	10.29	4.00
Chapin & Co., Milwaukee and Buffalo.....	28.85	5.71
The Commercial Milling Co., Detroit, Mich.....	26.00	4.00
Charles M. Cox Co., Boston, Mass.....	15.00	6.00
	7.45	3.50
	6.00	4.00

## COMPOUNDED FEEDS.

BRAND.	MANUFACTURED BY	PROTEIN.		FAT.		Crude Fibre Guaranteed.
		Found.	Guaranteed.	Found.	Guaranteed.	
Wirthmore Balanced Ration for Milch Cows .....	Charles M. Cox Co., Boston, Mass. ....	25.55	25.50	4.66	5.00	9.50
Wirthmore Balanced Ration Feed .....	Charles M. Cox Co., Boston, Mass. ....	27.15	26.00	5.00	5.00	9.50
Wirthmore Stock Feed .....	Charles M. Cox Co., Boston, Mass. ....	10.37	9.00	7.59	4.00	7.00
Grandin's Stock Feed .....	D. H. Grandin Mill'g Co., Jamestown, N. Y. ....	8.76	*10.00	3.55	4.40	8.21
Boss Feed .....	The Great Western Cereal Co., Chicago, Ill. ....	7.85	8.00	3.58	3.50	11.00
Daisy Dairy Feed .....	The Great Western Cereal Co., Chicago, Ill. ....	15.82	14.00	3.17	3.00	11.00
Gwinn's Horse and Mule Feed .....	Gwinn Milling Co., Columbus, Ohio. ....	10.25	10.00	4.80	5.00	6.00
Holstein Sugar Feed .....	F. W. Goeke & Co., St. Louis, Mo. ....	12.78	15.00	3.21	3.00	15.00
Xtragood Stock Feed .....	Griswold & Makinon, St. Johnsbury, Vt. ....	10.32	10.00	3.94	3.25	.....
Haskell's Stock Feed .....	W. H. Haskell & Co., Toledo, Ohio. ....	9.68	8.00	6.56	4.00	8.00
Purity Milk Maker .....	William S. Hills Co., Boston, Mass. ....	24.21	24.00	5.90	7.00	10.00
Purity Stock Feed .....	William S. Hills Co., Boston, Mass. ....	8.76	8.50	3.36	3.00	5.00
Algrane Milk Feed .....	H. O. Co., Buffalo, N. Y. ....	15.94	14.00	4.25	4.00	9.00
Husted Germaline .....	Husted Milling Co., Buffalo, N. Y. ....	9.75	9.00	4.53	3.00	4.00
Husted Molasses Feed .....	Husted Milling Co., Buffalo, N. Y. ....	20.54	18.00	4.79	4.00	9.00
Husted Stock Feed .....	Husted Milling Co., Buffalo, N. Y. ....	10.54	8.00	6.11	4.00	9.00
Husted Yellow Provender .....	Husted Milling Co., Buffalo, N. Y. ....	8.94	7.00	5.05	4.00	9.00
Monarch Chop Feed .....	Husted Milling Co., Buffalo, N. Y. ....	10.38	7.50	5.43	3.50	9.00
Corn, Oats and Barley Chop .....	Imperial Grain and Milling Co., Toledo, Ohio. ....	9.15	8.90	3.75	3.70	11.75
Dairy Mixed Feed .....	Henry Jennings, Boston (Dis.), Boston, Mass. ....	10.95	13.00	2.33	3.00	.....
H. J. Flax Seed .....	Henry Jennings, Boston (Dis.), Boston, Mass. ....	15.63	16.00	12.43	14.00	.....
Brooks' Fancy Corn and Oat Stock Feed .....	A. H. McLeod Mill'g Co., St. Johnsbury, Vt. ....	8.63	7.63	3.79	3.00	8.50
Park City Stock Feed .....	Mollet Grain and Milling Co., McClure, Ohio. ....	9.72	.....	5.50	.....	.....
Sugarata Dairy Feed .....	Northwest Mills Co., Winona, Minn. ....	16.64	16.50	4.42	3.50	14.00
New Era Stock Feed .....	Noyes & Colby, Boston, Mass. ....	10.05	10.00	6.94	.....	.....
Empire State Dairy Feed .....	J. D. Page & Co., Syracuse, N. Y. ....	30.34	29.00	11.30	12.00	12.00
Blue Ribbon Dairy Feed .....	Quaker Oats Co., Chicago, Ill. ....	25.09	25.00	4.57	4.00	9.00
Quaker Dairy Molasses Feed .....	Quaker Oats Co., Chicago, Ill. ....	15.42	16.00	4.00	3.50	14.00
Schumacher Stock Feed .....	Quaker Oats Co., Chicago, Ill. ....	11.34	10.00	3.95	3.25	10.00
Victor Feed .....	Quaker Oats Co., Chicago, Ill. ....	8.92	8.00	3.67	3.00	12.00
White Diamond Feed .....	Quaker Oats Co., Chicago, Ill. ....	9.45	8.00	3.64	3.25	8.00
Purina Feed .....	Ralston Purina Co., St. Louis, Mo. ....	12.87	12.50	4.01	4.00	8.90
Scott's Winner Chop Feed .....	David Stott, Detroit, Mich. ....	10.99	8.00	6.56	4.50	10.00
Stock Feed .....	H. K. Webster Co., Lawrence, Mass. ....	9.72	8.00	6.22	4.00	9.00



BRAND.	MANUFACTURED BY	PROTEIN.	FAT.	FIBRE.
Cut Alfalfa.....	Park & Pollard Co., Boston, Mass.	14.01	1.02	2.00
Banner Brand Clover.....	Joseph Brock & Sons, Boston, Mass.	11.74	2.16	2.00
Ames Alfalfa Meal.....	American Milling Co., Chicago, Ill.	15.50	1.73	2.00
Alfalfa Meal.....	The Albert Dickinson Co., Chicago, Ill.	13.72	1.45	1.00
Choice Cut Clover.....	Thomas W. Emerson Co., Boston, Mass.	10.50	1.63	1.00
Choice Colorado Alfalfa Meal.....	Kemper Mill & Elevator Co., Kansas City, Mo.	14.25	1.53	1.25
G. W. Alfalfa Meal.....	The Great Western Cereal Co., Chicago, Ill.	13.04	1.72	2.00

The following Brands of Licensed Feeding Stuffs were not found by the Inspector:

BRAND.	MANUFACTURED BY	PROTEIN.	FAT.	FIBRE.
Zenith Stock Feed.....	Husted Milling Co., Buffalo, N. Y.	10.00	4.00	9.00
Mayflower Stock Feed.....	Husted Milling Co., Buffalo, N. Y.	7.50	3.50	9.00
Husted Dairy Feed.....	Husted Milling Co., Buffalo, N. Y.	20.00	4.00	9.00
Bone and Meat Meal.....	Hinkley Rendering Co., Somerville, Mass.	35.00	8.00	.....
Anchor Bran.....	Kemper Mill and Elevator Co., Kansas City, Mo.	14.50	4.00	9.50
Anchor Mixed Feed.....	Kemper Mill and Elevator Co., Kansas City, Mo.	16.00	4.00	5.00
Crescent Mixed Feed.....	Kemper Mill and Elevator Co., Kansas City, Mo.	16.00	4.00	5.00
Choice Cottonseed Meal.....	Kemper Mill and Elevator Co., Kansas City, Mo.	41.00	7.50	10.00
Bone and Meat Meal.....	Manchester Rendering Co., Manchester, N. H.	35.80	8.00	.....
Pennant Mixed Feed.....	National Milling Co., Toledo, Ohio.	16.00	3.75	8.50
Powerful Mixed Feed.....	New England Flour Co., Boston, Mass.	15.00	4.50	10.00
Powerful Standard Bran.....	New England Flour Co., Boston, Mass.	14.50	4.50	11.00
Pure Wheat Bran Middlings.....	Northwest'n Consol. Mill'g Co., Minneapolis, Minn.	15.50	4.50	6.00
Mixed Feed.....	Park & Pollard Co., Boston, Mass.	10.00	3.50	10.00
Intermediate Chick Feed.....	Park & Pollard Co., Boston, Mass.	10.00	3.50	5.00
Gritless Chick Feed.....	Pratt's Baby Chick Feed, Philadelphia, Pa.	13.00	2.77	5.00
Pratt's Baby Chick Feed.....	Quaker Oats Co., Chicago, Ill.	10.00	4.75	3.00
Sterling Scratch Feed.....	Quaker Oats Co., Chicago, Ill.	13.00	2.50	5.00
Buckeye Mixed Feed.....	Quaker Oats Co., Chicago, Ill.	10.00	4.00	8.00
Green Cross Horse Feed.....	Quaker Oats Co., Chicago, Ill.	13.00	3.25	10.50
Daisy Dairy Feed.....	Quaker Oats Co., Chicago, Ill.	10.00	4.00	10.00
White Diamond Feed.....	Quaker Oats Co., Chicago, Ill.	8.00	3.00	9.00
C. O. and B. Feed.....	Quaker Oats Co., Chicago, Ill.	10.00	3.25	10.00
Trojan Bran.....	Allen & Wheeler, Troy, Ohio.	14.50	4.00	9.50

Guaranteed.



BRAND.	MANUFACTURED BY	PROTEIN.	FAT.	FIBRE.
		Guaranteed.		
Trojan Mixed Feed.....	Allen & Wheeler, Troy, Ohio.....	14.50	4.00	8.00
Trojan Middlings.....	Allen & Wheeler, Troy, Ohio.....	15.00	4.00	6.00
Choice Cottonseed Meal.....	American Cotton Oil Co., New York.....	41.00	9.00	10.50
Prime Cottonseed Meal.....	American Cotton Oil Co., New York.....	38.61	8.00	11.50
Bowker's Beef Scraps.....	Bowker Fertilizer Co., Boston, Mass.....	12.00	5.00	5.00
Buffeco Dairy Feed.....	Buffalo Cereal Co., Buffalo, N. Y.....	7.00	3.00	9.00
Buffeco Chop Feed.....	Buffalo Cereal Co., Buffalo, N. Y.....	41.00	8.00	10.00
Green Diamond Choice Cottonseed Meal.....	Chapin & Co., Hammond, Ind.....	10.00	7.00	5.00
Green Diamond Hominy Meal.....	Chapin & Co., Hammond, Ind.....	10.00	8.00	.....
Triangle Calf Feed.....	C. M. Cox & Co., Boston, Mass.....	9.50	7.50	3.00
Wirthmore Hominy Feed.....	C. M. Cox & Co., Boston, Mass.....	15.50	4.00	9.00
Bran.....	C. M. Cox & Co., Boston, Mass.....	10.00	4.00	9.00
Columbia Mixed Feed.....	Clark Bros. & Co., Peoria, Ill.....	28.00	10.00	12.50
Empire State Dairy Feed.....	Commercial Milling Co., Detroit, Mich.....	15.00	4.00	8.00
Winkel's Coarse Brown Feed.....	Commercial Milling Co., Detroit, Mich.....	9.00	5.00	8.00
Winkel's Chop Feed.....	Commercial Milling Co., Detroit, Mich.....	15.50	4.50	8.00
Winkel's Mixed Feed.....	Commercial Milling Co., Detroit, Mich.....	14.00	3.00	14.00
Winkel's Bran.....	Commercial Milling Co., Detroit, Mich.....	15.50	6.10	11.90
Grafton Mixed Feed.....	Grafton Roller Mill Co., Grafton, N. D.....	40.00	10.00	.....
Greene's Old Fashioned Meat Scraps.....	Greene Chick Feed Co., Marblehead, Mass.....	12.00	3.00	9.00
H. O. Co.'s Chick Feed.....	H. O. Co., Buffalo, N. Y.....	11.00	4.00	9.00
Algrane Horse Feed.....	H. O. Co., Buffalo, N. Y.....	9.00	4.00	9.00
New England Stock Feed.....	H. O. Co., Buffalo, N. Y.....	11.00	3.50	9.00
H. O. Co.'s Algrane Scratch Feed.....	H. O. Co., Buffalo, N. Y.....	12.00	3.00	.....
Wyandotte Scratch Feed.....	Ross Bros. Co., Worcester, Mass.....	8.25	2.25	.....
Wyandotte Chick Feed.....	Ross Bros. Co., Worcester, Mass.....	10.00	4.50	6.00
Red Dog Flour.....	Russell-Miller Milling Co., Minneapolis, Minn.....	13.00	4.00	11.00
Red Dog Flour.....	Russell-Miller Milling Co., Minneapolis, Minn.....	38.50	5.00	10.00
Prime Cottonseed Meal.....	J. E. Soper Co., Boston, Mass.....	16.00	4.50	8.00
Try Me Mixed Feed.....	Spooks Milling Co., Alton, Ill.....	15.90	4.90	8.90
Gold Mine Mixed Feed.....	Sheffield King Milling Co., Minneapolis, Minn.....	15.00	5.00	8.00
Middlings.....	George Urban Milling Co., Buffalo, N. Y.....	16.00	4.00	10.50
Mixed Feed.....	George Urban Milling Co., Buffalo, N. Y.....	7.00	5.50	12.50
Star Feed.....	Toledo Elevator Co., Indianapolis, Ind.....	7.00	5.50	12.50

Brands of licensed Feeding Stuffs which were found but not analyzed. These feeds consisted of a mixture of whole or whole and cracked grains.

BRAND.	MANUFACTURED BY	PROTEIN.	FAT.	FIBRE.
		Guaranteed.		
Schumacher Scratching Grains.....	The Quakers Oats Co., Chicago, Ill.....	10.00	2.50	5.00
Scratch Feed.....	Park & Pollard Co., Boston, Mass.....	10.00	3.50	5.00
Red Ribbon Chick Feed.....	Park & Pollard Co., Boston, Mass.....	10.00	3.50	5.00
Wirthmore Gritless Intermediate Chick Feed.....	Charles M. Cox Co., Boston, Mass.....	11.00	3.00	3.50
Wirthmore Scratch Feed.....	Charles M. Cox Co., Boston, Mass.....	11.00	3.00	5.00



# FERTILIZER INSPECTION.



## INSPECTION OF FERTILIZERS FOR 1911.

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The samples of fertilizer for the 1911 inspection, as usual, were collected under the direction of the State Board of Agriculture and turned over to the State Agricultural Experiment Station for analysis. Aside from duplicates 113 samples have been received and analyzed. Of these, 15 represent unmixed raw materials, including ground bone and tankage.

The fertilizers, in general, met their guaranty. In a few instances, marked shortages have occurred in some one element, but against these in most cases have been an excess of some other constituent. The consumer now is concerned more about the nature of the guaranty rather than about the deficiencies. The manufacturers are anxious to have all goods meet the guaranty. Any notable deviation is generally due to accident or mistake.

The large number of brands offered for sale give the consumer considerable latitude in the choice of goods. The manufacturers are advocating the use of the better grades of fertilizers. This is a step in the right direction and should be taken advantage of by the consumer. With a given sum of money more plant food may be purchased in the form of high-grade fertilizers.

Messrs. J. E. Robinson and D. B. Keyes have assisted in the preparation of the following analytical results.

The samples on which these results have been determined will be kept for three months after the distribution of this report.





AMERICAN AGRICULTURAL CHEMICAL CO.,  
M. E. WHEELER & CO. BRANCH,  
Rutland, Vt.

Crocker's Ammoniated Corn Phosphate.....	1.11	1.21	2.32	2.06	7.01	1.89	8.90	8.00	1.80	10.70	9.00	1.65	1.50
Crocker's Potato, Hop and Tobacco Phosphate.....	1.00	1.10	2.10	2.06	6.26	1.85	8.21	8.00	1.80	10.11	9.00	3.24	3.00
Crocker's New Rival Ammoniated Super-Phosphate.....	.39	.70	1.09	1.03	6.01	1.39	8.00	8.00	1.97	9.97	9.00	2.10	2.00

PACKER'S UNION FERTILIZER BRANCH,  
Rutland, Vt.

Packer's Union Animal Corn Fertilizer.....	1.43	.87	2.80	2.47	8.63	1.31	9.94	9.00	1.12	11.06	10.00	2.40	2.00
Packer's Union Potato Manure.....	1.23	1.02	2.25	2.06	8.37	.54	8.91	8.00	1.13	10.04	9.00	5.66	6.00
Packer's Union Universal Fertilizer.....	.29	.64	.93	.82	6.80	2.78	9.58	8.00	2.02	11.60	9.00	3.86	4.00

GREAT EASTERN NORTHERN BRANCH,  
Rutland, Vt.

Great Eastern Potato Manure.....	1.44	.66	2.10	2.06	5.87	2.43	8.30	8.00	1.45	9.75	9.00	2.98	3.00
Great Eastern General Fertilizer.....	.32	.57	.89	.82	7.77	1.18	8.95	8.00	1.30	10.35	9.00	4.45	4.00

BOWKER FERTILIZER CO.,  
Boston and New York.

Bowker's Sure Crop Phosphate.....	.82	.42	1.24	.82	6.20	2.61	8.81	8.00	2.34	11.15	9.00	2.24	2.00
Bowker's Potash or Staple Phosphate.....	.72	.33	1.05	.82	4.00	4.70	8.70	8.00	2.12	10.82	9.00	3.88	3.00
Bowker's Potato and Vegetable Phosphate.....	.43	1.32	1.75	1.65	6.00	2.41	8.41	8.00	2.00	10.41	9.00	2.40	2.00
Bowker's Corn Phosphate.....	.84	.82	1.66	1.65	6.05	2.03	8.08	8.00	2.50	10.58	9.00	2.04	2.00
Bowker's Farm and Garden Phosphate.....	.83	.92	1.75	1.65	6.18	2.00	8.18	8.00	2.36	10.54	9.00	2.28	2.00
Bowker's Potato and Vegetable Fertilizer.....	1.24	1.39	2.63	2.47	7.86	.92	8.78	8.00	1.87	10.65	9.00	4.28	4.00
Bowker's Hill and Drill Phosphate.....	1.49	.93	2.62	2.47	6.55	2.74	9.29	9.00	2.52	11.81	10.00	2.28	2.00
Bowker's Lawn and Garden Dressing.....	2.66	.47	3.13	3.29	4.55	1.95	6.50	4.00	1.33	7.83	8.00	5.78	5.00
Bowker's Fresh Ground Bone.....	.....	.....	2.48	2.47	.....	.....	.....	.....	14.70	23.27	22.88	.....	.....

Stockbridge Special Complete Manure for Potatoes and Vegetables, etc.....	1.85	1.40	3.25	3.29	5.06	1.72	6.78	6.00	1.18	7.96	7.00	10.40	10.00
Stockbridge Special Complete Manure for Corn and all Grain Crops.....	1.95	1.36	3.31	3.29	8.51	1.51	10.02	10.00	1.53	11.55	11.00	7.70	7.00
Stockbridge Special Complete Manure for Top-Dressing and for forcing.....	3.77	1.18	4.95	4.94	3.80	1.38	5.18	4.00	1.07	6.25	6.00	6.36	6.00

ARMOUR FERTILIZER WORKS.,  
Baltimore, Md.

Complete Manure.....	1.94	1.47	3.41	3.29	5.00	1.29	6.20	6.00	1.42	7.62	6.50	10.05	10.00
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[illegible]



Chemical Fertilizer for Grass and Grain.....	4.31	.75	5.06	5.00	4.50	.82	5.32	4.00	.75	6.07	6.00	6.86	5.80
FRANK SMITH & Co., Lancaster, N. H.													
Seeding-Down Fertilizer.....	2.52	1.58	4.10	3.65	6.61	2.29	9.00	8.40	1.00	10.00	.....	8.95	10.00
Top-Dressing .....	3.66	.....	3.63	5.62	5.86	1.64	7.50	7.00	.92	8.42	.....	5.36	.65
SWIFT'S LOWELL FERTILIZER Co., Boston, Mass.													
Nitrate of Soda.....	15.07	.....	15.07	15.00	.....	.....	.....	.....	.....	.....	.....	.....	.....
Swift's Special Grass Mixture.....	2.33	1.67	4.00	4.10	6.35	.....	7.05	7.40	.55	8.00	8.00	5.83	6.00
Swift's Sterling Phosphate.....	.13	.79	.92	.82	6.92	2.21	8.13	8.40	1.30	10.03	9.00	3.89	4.00
Swift's Potato Grower.....	1.25	1.63	3.00	3.28	2.88	1.77	3.57	6.00	1.06	7.23	7.00	10.25	10.00
Swift's Special Corn and Vegetable Manure.....	1.73	1.56	3.20	3.28	6.95	1.34	8.29	8.00	.73	9.02	9.00	7.00	7.00
Swift's Lowell Potato Phosphate.....	1.15	1.23	2.48	2.46	8.41	1.40	9.81	8.00	.44	10.25	9.00	5.00	6.00
Swift's Lowell Animal Brand.....	1.11	1.37	2.48	2.46	5.48	2.60	8.08	8.00	1.00	9.05	9.00	4.16	4.00
Swift's Lowell Potato Manure.....	.47	1.18	1.65	1.64	5.89	1.61	7.50	7.00	.55	8.05	8.00	4.58	4.00
Swift's Lowell Bone Fertilizer.....	.13	1.51	1.64	1.64	7.35	1.48	8.83	8.00	2.00	10.83	9.00	3.12	2.00
Swift's Lowell Empire Brand.....	.05	1.17	1.22	1.25	4.12	3.05	7.18	7.00	1.47	8.65	8.00	2.03	2.00
Swift's Lowell Cereal Fertilizer.....	.11	.75	.80	.82	4.79	1.86	6.65	7.00	1.25	8.00	8.00	1.07	1.00
Swift's Lowell Ground Bone.....	.....	.....	3.35	2.40	.....	.....	.....	.....	11.89	22.50	23.00	.....	.....





INSPECTION OF FERTILIZERS FOR  
1912.



## INSPECTION OF FERTILIZERS FOR 1912.

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The samples of fertilizers for the 1912 inspection were collected by Mr. H. B. Tuttle, under the direction of the State Board of Agriculture, and turned over to the State Agricultural Experiment Station for analysis. Aside from duplicates 180 samples were drawn; of these, 18 represent raw fertilizer materials and include muriate and sulphate of potash, acid phosphate, basic slag meal, ground bone, blood and nitrate of soda. This is the largest number of samples ever drawn in the state in one year.

The inspector could not locate all of the brands which had been licensed. However, the ones not found were not generally in use.

The samples drawn and herein reported represent practically all grades of prepared fertilizers from the best that are made down to some of the poorest. Also, excepting tankage and sulphate of ammonia, the raw unmixed materials are well represented. Judging from the distribution of the various mixed fertilizers and raw materials, the consumer has had a considerable latitude in the choice of quality.

The cost of fertilizers is a very important factor in present agricultural processes. The consumer is still buying "shot-gun charges" of fertilizers for his crops. Nearly all of the prepared fertilizers, regardless of the soils or crops for which they are to be used, contain nitrogen, phosphoric acid, and potash in large or small amounts. The consumer is in need of more information concerning the value of the various fertilizer constituents for his specific needs. More definite information might enable him to eliminate some of these constituents for certain crops and thereby have

greater profits. This information is best obtained first hand through experience and observation from the use of various fertilizer constituents on particular crops. A demand for special grades of fertilizers would be quickly met by the manufacturers. The writers have reason to believe that for certain crops most of the increased yield is produced by some one fertilizer constituent. Under such conditions the cost of the ineffective constituents is such as to wipe out or reduce the profits that might otherwise be obtained. There are now on the market many fertilizers for special crops. The fact that a fertilizer is a "Special for Potatoes" by name may offer no recommendation or argument for its purchase for that purpose. The same material may be offered, under a different name, for corn or some other crop. Also the consumer should not lose sight of the fact that potato fertilizers vary widely in their compositions. It is well enough to keep the name of the brand in mind, but it is of much more importance to scrutinize the guaranty and at the same time bear in mind the needs of the crop and soil in the light of experience and observations.

Nitrogen is the most important fertilizer constituent and unfortunately the most expensive. Most of our New Hampshire soils are relatively poor in organic matter and therefore deficient in the amount of nitrogen which can be made available for crops. In many localities cultivation of the soil has been neglected and bacterial action has become limited. Because of these conditions fertilizers rich in nitrogen are generally more effective than others. On the other hand, our soils are very rich in potash. It so happens that potash is the least expensive of the fertilizer constituents and for some crops the least effective when used as a fertilizer. Under some conditions where cultivation is good the returns from the use of potash fertilizers are very slight. Because of these conditions and facts the writers wish to point out the necessity of buying fertilizers more on account of the guarantied con-

tent and in accordance with the results and observations already at hand.

Messrs. J. E. Robinson, D. B. Keyes, G. F. Lane and P. L. Gowen have assisted in the preparation of the following data.



## COMPOSITION OF COMMERCIAL FERTILIZERS SAMPLED AND ANALYZED IN 1913.

MANUFACTURER AND BRAND.	NITROGEN.			PHOSPHORIC ACID.				POTASH.					
	Inorganic.	Organic.	Total.	Soluble.	Reverted.	Available.		Insoluble.	Total.		Guaranteed.		
						Found.	Guaran- teed.		Found.	Guaran- teed.			
AMERICAN AGRICULTURAL CHEMICAL CO., New York City.													
Grass and Lawn Top-Dressing.....	3.24	.23	3.47	3.91	3.72	2.63	6.35	5.00	.62	6.97	6.00	3.41	2.00
Fine Ground Bone.....			2.48	2.47						24.44	22.88		
Grass and Oats Fertilizer.....					8.62	2.54	11.16	11.00	.93	12.09	12.00	2.13	2.00
High Grade Fertilizer with 10% Potash.....	1.28	1.20	2.48	2.47	3.73	2.79	6.52	6.00	2.81	9.33	7.00	10.32	10.00
Muriate of Potash.....												30.80	49.00
Nitrate of Soda.....			15.27	15.00									
14% Plain Super-Phosphate.....					11.43	2.95	14.38	14.00	1.16	15.54	15.00		
Special Grass and Garden Mixture.....	3.43	3.46	6.89	8.43	1.40	4.97	6.37	6.25	2.28	8.65	7.25	8.64	8.25
Special Vegetable Guano.....	1.85	1.45	3.30	3.29	5.86	1.64	8.50	8.00	.54	9.04	9.00	7.19	7.00
Bradley's Complete Manure for Corn and Grain.....	2.23	1.10	3.33	3.29	3.07	3.04	8.11	8.00	1.99	10.10	9.00	7.42	7.00
Bradley's Complete Manure for Grass and Grain.....	3.70	.21	3.91	4.94	3.12	2.43	5.55	4.00	5.00	6.05	6.00	6.40	6.00
Bradley's Complete Manure for Potatoes and Vegetables.....	2.07	.97	3.04	3.29	5.55	2.60	8.15	8.00	2.06	10.21	9.00	7.58	7.00
Bradley's Complete Manure with 10% Potash.....	1.86	1.37	3.23	3.29	4.95	1.43	6.38	6.00	1.60	7.98	7.00	10.47	10.00
Bradley's Corn Phosphate.....	.23	2.00	2.23	2.06	5.97	2.11	8.08	8.00	1.99	10.07	9.00	1.79	1.50
Bradley's Eclipse Phosphate for all crops.....	.48	.85	1.33	1.03	4.81	3.55	8.36	8.00	3.32	11.68	9.00	2.33	2.00
Bradley's Potato Fertilizer.....	.98	1.26	2.24	2.06	5.46	3.27	8.73	8.00	2.67	11.40	9.00	3.57	3.00
Bradley's Potato Manure.....	1.57	.95	2.52	2.47	4.67	2.48	7.15	6.00	2.72	9.87	7.00	5.08	5.00
Bradley's Seeding-Down Manure.....	.28	2.23	2.51	2.47	6.37	2.80	9.17	9.00	2.74	11.91	10.00	2.15	2.00
Bradley's XL Super-Phosphate of Lime.....	1.30	1.24	2.54	2.47	6.21	2.93	9.14	9.00	2.74	11.62	10.00	2.46	2.00
Clarke's Core Potato Fertilizer.....	1.16	.98	2.14	2.06	5.67	2.46	8.13	8.00	1.34	9.47	9.00	3.11	3.00
Cleveland Fertilizer for all crops.....	.34	.99	1.33	1.03	5.14	2.96	8.10	8.00	1.97	10.07	9.00	2.38	2.00
Cleveland Potato Phosphate.....	1.44	.59	2.06	2.06	6.76	2.06	8.82	8.00	1.06	9.88	9.00	3.20	3.00
Cleveland Super-Phosphate.....	.10	1.97	2.07	2.06	5.10	3.09	8.19	8.00	3.72	11.91	9.00	1.64	1.50
Crocker's New Rival Ammoniated Super-Phosphate.....	.21	1.02	1.23	1.03	6.18	2.55	8.73	8.00	2.27	11.00	9.00	2.22	2.00
Crocker's Special Potato Manure.....	1.71	1.39	3.10	3.29	2.69	3.10	5.79	6.00	2.27	8.00	7.00	11.65	10.00
Cumberland Potato Fertilizer.....	1.37	.93	2.30	2.06	4.11	4.07	8.18	8.00	1.84	10.02	9.00	3.26	3.00
Cumberland Super-Phosphate.....	1.19	.96	2.15	2.06	5.32	2.90	8.22	8.00	1.66	9.90	9.00	2.19	1.50
Darling's Blood, Bone and Potash.....	2.45	1.73	4.18	4.11	5.35	2.13	7.48	7.00	1.26	8.74	8.00	7.48	8.00

Darling's Farm Favorite.....	1.33	.79	2.12	2.06	5.69	2.49	8.18	8.00	1.24	9.42	9.00	3.12	3.00
Darling's General Fertilizer.....	.35	1.12	1.47	1.23	4.52	1.85	6.38	6.00	2.91	9.29	7.00	3.47	3.00
Darling's Potato Manure.....	1.71	.69	2.40	2.47	4.52	2.57	7.09	6.00	1.38	8.47	7.00	5.08	5.00
Great Eastern Garden Special.....	1.75	1.41	3.16	3.29	5.57	2.89	8.46	8.00	1.56	10.46	9.00	8.22	7.00
Great Eastern General Fertilizer.....	.35	.78	1.13	.82	6.11	2.71	8.82	8.00	1.64	10.04	9.00	4.31	4.00
Great Eastern Northern Corn Special.....	.03	1.94	2.07	2.06	4.22	3.79	8.11	8.00	1.53	9.54	9.00	2.13	1.50
Great Eastern Potato Manure.....	.14	1.92	2.06	2.06	5.86	2.46	8.32	8.00	1.53	9.54	9.00	3.38	3.00
Packer's Union Potato Manure.....	1.29	.97	2.26	2.06	5.11	2.89	8.00	8.00	1.66	9.65	9.00	6.16	6.00
Packer's Union Universal Fertilizer.....	.39	.94	1.03	.82	4.96	3.54	8.50	8.00	1.34	9.84	9.00	4.15	4.00
Quinnipiac Corn Manure.....	.92	1.29	2.12	2.06	5.48	2.67	8.15	8.00	2.40	10.55	9.00	1.65	1.50
Quinnipiac Potato Phosphate.....	.03	2.32	2.35	2.06	5.02	3.83	8.85	8.00	2.82	11.57	9.00	3.38	3.00
Read's Farmers' Friend Super-Phosphate.....	1.11	.98	2.09	2.06	5.64	2.83	8.47	8.00	2.03	10.50	9.00	3.13	3.00
Read's High Grade Farmers' Friend Super-Phosphate.....	2.12	1.17	3.29	3.29	5.19	1.94	7.13	7.00	1.29	8.33	7.00	10.81	10.00
Read's Potato Manure.....	1.77	.73	2.50	2.47	4.24	2.78	6.42	6.00	1.02	7.44	7.00	11.65	10.00
Read's Standard Super-Phosphate.....	.06	.99	1.03	.82	5.02	3.48	8.50	8.00	1.91	10.35	9.00	3.45	3.00
Soluble Pacific Guano.....	1.47	.81	2.28	2.06	3.36	3.06	8.42	8.00	1.91	10.33	9.00	2.34	1.50
Pacific Potato Special.....	1.47	.70	2.17	2.06	6.32	2.53	8.65	8.00	1.10	9.73	9.00	3.19	3.00
Williams & Clark American Potato Manure.....	1.19	1.01	2.20	2.06	6.30	1.85	8.15	8.00	1.73	9.88	9.00	3.49	3.00
M. E. WHEELER CO., RUTLAND, VT., OF THE AMERICAN AGRICULTURAL CHEMICAL CO., New York.													
Crocker's Ammoniated Corn Phosphate.....	.94	1.16	2.10	2.06	3.79	2.47	8.26	8.00	2.10	10.36	9.00	1.75	1.50
Crocker's Potato, Hop and Tobacco Phosphate.....	.62	1.59	2.21	2.06	5.85	2.70	8.55	8.00	2.42	10.17	9.00	3.55	3.00
Crocker's Special Potato Manure.....	1.64	1.70	3.34	3.29	4.55	2.36	6.91	6.00	1.22	8.13	7.00	10.60	10.00
Packer's Union Animal Corn.....	1.46	1.27	2.73	2.47	6.35	2.71	9.06	9.00	2.74	11.80	10.00	2.41	2.00
Packer's Union Gardeners' Complete Manure.....	1.15	1.32	2.47	2.47	4.56	2.04	6.60	6.00	1.36	7.96	7.00	10.20	10.00
ARMOUR FERTILIZER CO., Baltimore, Md.													
Bone, Blood and Potash.....	2.23	1.41	3.64	4.11	5.60	2.98	8.58	8.00	.84	9.42	8.50	6.96	7.00
Complete Manure.....	1.84	1.47	3.31	3.30	4.65	1.55	6.20	6.00	1.37	7.57	6.50	10.33	10.00
Fruit and Root Crop Special.....	1.63	1.07	1.80	1.65	5.58	1.64	8.22	8.00	.59	8.81	8.50	3.16	3.00
Grain Grower.....	.59	1.17	1.71	1.65	6.11	1.81	8.22	8.00	.82	9.04	8.50	2.44	2.00
High Grade Potato.....	.67	1.02	1.69	1.65	6.10	2.69	8.79	8.00	1.07	9.86	8.50	10.64	10.00
Truckers' Special.....	2.03	1.31	3.34	3.29	2.97	3.04	6.01	6.00	.43	6.44	6.50	10.00	10.00
BOWKER FERTILIZER CO., Boston, Mass.													
Bowker's 14% Acid Phosphate.....					12.43	2.73	15.16	14.00	.66	15.82	15.00		
Bowker's Corn Phosphate.....	1.14	1.29	2.43	1.65	6.13	2.46	8.59	8.00	1.94	10.53	9.00	2.08	2.00
Bowker's Early Potato Manure.....												13.85	12.00

COMPOSITION OF COMMERCIAL FERTILIZERS SAMPLED AND ANALYZED IN 1912.—Continued.

MANUFACTURER AND BRAND.	NITROGEN.			PHOSPHORIC ACID.					POTASH.				
	Inorganic.	Organic.	Total.		Soluble.	Reverted.	Available.		Insoluble.	Total.			
			Found.	Guaran- teed.			Found.	Guaran- teed.		Found.	Guaran- teed.		
Bowker's Farm and Garden Phosphate.....	2.13	1.18	3.31	3.29	5.48	3.02	8.50	8.00	2.06	10.56	9.00	7.87	7.00
Genuine German Kainit.....	1.04	.80	1.84	1.65	5.47	2.92	8.39	8.00	1.50	9.89	9.00	2.29	2.00
Bowker's Hill and Drill Phosphate.....	1.58	.89	2.47	2.47	7.41	2.02	9.43	9.00	1.74	11.17	10.00	2.21	2.00
Bowker's Market Garden Fertilizer.....	1.22	1.26	2.48	2.47	4.53	2.06	6.39	6.00	1.21	7.60	7.00	10.47	10.00
Muriate of Potash.....			15.48	15.00								50.40	50.00
Nitrate of Soda.....													
Bowker's Phosphate with Potash.....	.41	.73	1.14	.82	1.60	8.09	9.69	10.00	3.16	12.85	11.00	1.42	2.00
Bowker's Potash or Staple Phosphate.....	1.12	1.47	2.59	2.47	7.16	2.90	8.67	8.00	1.57	10.24	9.00	3.19	3.00
Bowker's Potato and Vegetable Fertilizer.....	1.11	.96	2.07	1.65	6.35	2.03	8.38	8.00	1.81	11.32	9.00	4.52	4.00
Bowker's Pulverized Sheep Manure.....	.38	1.87	2.25	1.25					2.15	10.53	9.00	2.65	2.00
Bowker's Pure Unleached Canada Hardwood Ashes.....									1.78	1.50	2.25	2.00	
Stockbridge Special Complete Manure for Corn and Grain Crops.....	2.03	.78	2.81	3.29	6.82	2.51	9.53	10.00	1.52	11.05	11.00	6.55	7.00
Stockbridge Special Complete Manure for Potatoes and Vegetables.....	1.64	1.67	3.31	3.29	4.56	2.87	7.43	6.00	1.33	8.76	7.00	9.99	10.00
Stockbridge Special Complete Manure for Seeding Down, Permanent Dressing and Legumes.....	1.84	.65	2.49	2.47	3.57	2.87	6.44	6.00	2.09	8.53	9.00	10.08	10.00
Stockbridge Special Complete Manure for Top-Dressing and for Fencing.....	1.58	2.71	4.29	4.94	3.22	2.21	5.43	4.00	1.22	6.65	6.00	6.38	6.00
Sulphate of Potash.....			.94	.82	4.67	3.33	8.00	8.00	3.23	11.23	9.00	50.00	48.00
Bowker's Sure Crop Bone Phosphate.....	.18	.76										2.68	2.00
JOSEPH BRECK & SONS, Boston, Mass.													
Pulverized Sheep Manure.....	.48	.27	2.75	2.25						1.60	1.50	1.96	1.50
BUFFALO FERTILIZER CO., Buffalo, N. Y.													
Bone Meal.....			3.18	2.90						24.40	22.00		







NEW ENGLAND FERTILIZER CO.,  
Boston, Mass.

New England Complete Manure.....	1.37	1.62	2.99	3.28	4.75	1.63	6.38	6.00	.89	7.27	7.00	10.33	10.00
New England Corn and Grain Fertilizer.....	.17	1.28	1.45	1.53	5.09	2.77	7.86	7.00	.98	8.84	8.00	2.47	2.00
New England Corn Phosphate.....	.10	1.54	1.64	1.64	6.04	2.34	8.38	8.00	1.49	9.87	9.00	3.23	3.00
New England High Grade Potato Fertilizer.....	1.07	1.49	2.64	2.46	7.04	1.40	8.44	8.00	.61	9.05	9.00	6.24	6.00
New England Market Garden Manure.....	1.44	2.66	4.10	4.10	5.67	1.82	7.49	7.00	.90	8.39	8.00	7.75	7.00
New England Potato Fertilizer.....	.55	1.51	2.06	1.64	5.14	2.63	7.77	7.00	.85	8.62	8.00	4.29	4.00
New England Potato Grower.....	1.16	1.41	2.57	2.46	5.09	1.73	6.82	6.00	.53	7.35	7.00	10.66	10.00
New England Superphosphate for All Crops.....	1.30	1.35	2.65	2.46	6.95	2.01	8.96	8.00	1.12	10.08	10.00	4.69	4.00

NITRATE AGENCIES CO.,  
New York City.

Basic Slag.....					10.44	4.07	14.51	14.00	1.85	16.36	15.00		
High Grade Acid Phosphate.....										17.73	17.00		
Ground Bone.....			11.37	13.15									
Ground Bone.....			3.78	2.46						25.62	25.00		
Muriate of Potash.....												50.90	50.00
Nitrate of Soda.....			15.76	15.00									49.10
Sulphate of Potash.....													48.00

PARMENTER & POLSEY FERTILIZER CO.,  
Boston, Mass.

Parmenter & Polsey Grain Grower.....	.21	.88	1.09	1.23	6.25	2.33	8.58	7.00	1.00	10.02	8.00	2.24	2.00
Parmenter & Polsey Plymouth Rock Brand for all Crops.....	1.05	1.46	2.51	2.45	6.75	2.21	8.96	8.00	.89	9.85	9.00	4.85	4.00
Parmenter & Polsey Potato Grower with 10% Potash.....	1.10	1.42	2.52	2.46	5.42	1.42	6.84	6.00	.58	7.42	7.00	10.37	10.00
Parmenter & Polsey Potato Fertilizer.....	.17	1.39	1.76	1.64	4.43	2.78	7.21	6.00	.86	8.07	7.00	6.66	6.00
Parmenter & Polsey Special Potato Fertilizer.....	1.43	1.71	3.14	3.28	6.68	1.62	8.30	8.00	.95	9.25	9.00	7.72	7.00
Ground Bone.....			3.22	2.47						27.33	23.00		
Muriate of Potash.....												50.10	50.00
Nitrate of Soda.....			15.38	15.00									

THE ROGERS & HUBBARD CO.,  
Middletown, Conn.

Complete Phosphate.....	.46	1.15	1.61	1.50	5.32	2.62	7.94	7.00	1.56	9.50	8.00	5.78	5.00
Grass and Grain.....	.39	2.03	2.62	2.30	.27	10.79	11.06	6.50	5.19	16.25	16.00	12.27	12.00
Pure Raw Knuckle Bone Flour.....			2.99	2.82						24.82	24.70		
New Market Garden Phosphate.....	.95	1.27	2.22	2.00	3.56	2.48	6.04	6.00	2.53	8.37	7.00	11.28	10.00
Oats and Top-Dressing.....			8.90	8.50			8.99	8.99	4.50	1.94	10.33	8.00	8.00
Potato Phosphate.....	1.95	.21	2.16	2.00	6.43	2.94	9.37	9.00	1.42	10.79	10.00	5.29	5.00





Sulphate of Potash.....	9.82	3.24	13.06	12.00	1.03	14.09	14.00	50.00	48.00
Swift's Lowell Acid Phosphate.....									
<p>WHITMAN &amp; PRATT RENDERING CO.,  Chelmsford, Mass.</p>									
Whitman & Pratt's Pure Ground Bone.....	2.59	2.47						27.00	26.00

## LICENSE FEES.

## CASH RECEIVED FOR FEEDING-STUFFS AND FERTILIZER

## LICENSES.

Year ending September 1, 1911.

Feeding-stuffs .....	\$840.00
Fertilizers .....	2,100.00

Year ending September 1, 1912.

Feeding-stuffs .....	\$3,390.00
Fertilizers .....	2,560.00

## SEED TESTS, 1911.



## SEED TESTS, 1911.

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The provisions of the Pure Seed Law enacted by the General Court in 1909 require the publication annually of a bulletin by the New Hampshire Experiment Station of the results of all seed tests made officially during the previous year. The administration of said law is in the hands of the secretary of the State Board of Agriculture, who has appointed the writer, agronomist of the experiment station, as his regular agent for making all tests and analyses in this state.

During the year only 72 samples of seed were examined as against 238 samples for the year preceding. This very small number of tests for as much seed as is sold in the state indicates one of three conditions: (1) that the seedsmen and seed dealers are buying their seeds from outside parties upon a purity and germination test guaranty; (2) that the seedsmen and dealers are making their own tests and basing their guaranties upon them; or (3) that the farmers are buying seeds without any guaranty of their purity and vitality.

Of the few samples tested the analytic agent has no knowledge that seeds which these samples represented were offered for sale in the state. Quite frequently samples are sent in for inspection by dealers before purchase in lot or bulk is made, and if the test shows the seeds to be of inferior quality it is presumed the seeds are not purchased. Individuals sometimes ask for a report upon the quality of a given sample and make the purchase of seed for their own use upon the basis of said report. It should not, therefore, be understood that all of the seeds represented by the



samples inspected were offered for sale by the parties for whom the inspection was made.

The writer acknowledges his appreciation of the work of Professor W. L. Slate, Jr., who made the tests and examinations of the samples herewith reported.

## SEED EXAMINATION, 1911.

Sample No.	Kind of Seed, Sender, Date of Report, and Kind and No. of Foreign Seeds Found in One Pound.	Percent of Pure Seed.	Percent of Weed Seed.	Percent of Other Grass Seeds.	Percent of Inert Matter.	Percent of Germination.
239	Alfalfa (P. A.)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Nov. 1, 1910. Dodder and Trefoil found.	98.5	.....	.....	1.5	.....
240	Alfalfa ("Bart")..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Nov. 18, 1910. Pig-weed, 90.	95.8	trace	.....	4.1	.....
241	Alfalfa ("S")..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Nov. 10, 1910. Sorrel, 90; trace of Alfalfa dodder.	98.4	trace	.....	1.5	.....
242	Alfalfa (Ipas)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Nov. 21, 1910. Red Clover, 180; Green foxtail, 1,530; Rib- grass, 180; Wild carrot, 90.	97.1	.6	trace	2.2	.....
248	Timothy (Choice)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 23. Alsike clover, 1,135; Red clover, 227	99.1	.....	.5	.4	77.5
249	Timothy (Pan-American)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 23. Alsike clover, 681; Sorrel, 227.	99.7	trace	.1	.1	61.0
250	Timothy (Gold Medal)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28. Alsike clover, 1,135	99.6	.....	.1	.2	91.0
251	Redtop (Fancy)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Feb. 11.	.....	.....	.....	.....	51.0
252	Redtop (Choice)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Feb. 11.	.....	.....	.....	.....	57.0
253	Alsike clover (Pan-American)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28. Canada thistle, 227; Red clover, 908; Sorrel, 908; Timothy, 17,706; unknown, 227.	96.2	.1	2.0	1.7	75.5
254	Red clover (Pan-American)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28. Alsike clover, 273; Green foxtail, 91; Rib-grass, 91; Timothy, 273; Miscellaneous, 1,500.	96.1	.6	.1	3.2	91.0
255	Hungarian millet..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 23. Lamb's-quarters, 182; Old Witch-grass, 273; Yellow foxtail, 91.	98.8	.1	.....	1.1	91.0
256	Red clover (Eureka)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28. Alsike clover, 182; Timothy, 91.	98.6	.....	.....	1.4	88.0
257	Alfalfa (Fancy)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28.	99.1	trace	.....	.9	82.0
258	Alsike clover (Export Fancy)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28. Chickweed, 454; Shepherd's Purse, 454.	99.5	.1	.....	.4	83.0

SEED EXAMINATION, 1911—*Continued.*

Sample No.	Kind of Seed, Sender, Date of Report, and Kind and No. of Foreign Seeds Found in One Pound.	Percent of Pure Seed.	Percent of Weed Seed.	Percent of Other Grass Seeds.	Percent of Inert Matter.	Percent of Germination.
259	Japanese millet..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28. Crab-grass, 454; Peppergrass, 91; Red clover, 91; Smartweeds, 910; Yellow foxtail, 91; Sunflower, 182.	97.8	.9	trace	1.3	32.5
260	Red clover..... Maxfield & Sanborn, Pittsfield, N. H. Jan. 24. Green foxtail, 364; Rib-grass, 364; Timothy, 91; Miscellaneous, 364.	98.5	.5	trace	.8	76.0
261	Red clover (No. 44)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28. Chickweed, 182; Green foxtail, 2,275; Rib-grass, 546; Sorrel, 182; Timothy, 454; Yellow foxtail, 91; Mallow, 91.	97.4	.9	trace	1.6	79.5
262	Timothy (No. 384)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28. Alsike clover, 454.	99.5	.....	trace	.4	90.0
263	Timothy (No. 385)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28. Alsike clover, 1,135; Kentucky bluegrass, 227.	99.5	.....	.2	.3	92.0
264	Red clover (No. 1,430)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Jan. 28. Alsike clover, 3,276; Chickweed, 91; Green foxtail, 3,276; Lamb's-quarters, 91; Old witch-grass, 91; Rib-grass, 1,365; Timothy, 1,274; Miscellaneous, 637.	95.7	1.5	.6	2.0	78.5
265	Red clover ("Con")..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Feb. 11. Alsike clover, 637; Sorrel, 91; Timothy, 182; White clover, 182.	98.9	trace	.3	.3	.....
266	Redtop (Fancy)..... Rand, Ball & King Co., Claremont, N. H. Mar. 20. Chickweed, 3,632; Whiteweed, 1,816.	94.8	.5	.....	4.7	53.5
267	Mammoth clover..... Rand, Ball & King Co., Claremont, N. H. Mar. 20. Alsike clover, 819; Mallow, 91; Ragweed, 1,456; Timothy, 454; Yellow foxtail, 91.	98.3	.5	.2	1.0	80.0
268	Red clover (Eureka)..... Rand, Ball & King Co., Claremont, N. H. Mar. 20. Alsike clover, 728; Docks, 91; Sorrel, 182; Timothy, 182.	99.4	trace	.2	.4	83.0
269	Alsike clover (Export)..... Rand, Ball & King Co., Claremont, N. H. Mar. 20. Chickweed, 454; Kentucky bluegrass, 227; Red clover, 671; Shepherd's Purse, 454; Sorrel, 1,362.	99.2	.3	.1	.4	83.0
270	Hungarian millet..... Rand, Ball & King Co., Claremont, N. H. Mar. 20. Yellow foxtail, 1,638; Siberian millet, 455.	98.7	.9	.2	.2	82.0

SEED EXAMINATION, 1911—*Continued.*

Sample No.	Kind of Seed, Sender, Date of Report, and Kind and No. of Foreign Seeds Found in One Pound.	Percent of Pure Seed.	Percent of Weed Seed.	Percent of Other Grass Seeds.	Percent of Inert Matter.	Percent of Germination.
271	Timothy (Pan-American)..... Rand, Ball & King Co., Claremont, N. H. Mar. 20. Alsike clover, 4,510; Kentucky bluegrass, 227; Rib-grass, 227.	99.1	trace	.6	.3	83.0
272	Timothy (Gold Medal)..... Rand, Ball & King Co., Claremont, N. H. Mar. 20. Alsike clover, 1,135.	99.6	.....	.1	.2	86.0
273	Peas (Nott's Excelsior)..... J. B. Varick Co., Manchester, N. H. Feb. 27.					87.0
274	Beans (Rust Proof Blk. Wax)..... J. B. Varick Co., Manchester, N. H. Feb. 27.					77.0
275	Peas (Dwarf Champ.)..... J. B. Varick Co., Manchester, N. H. Feb. 27.					60.0
276	Peas (Premium Gem)..... J. B. Varick Co., Manchester, N. H. Feb. 27.					82.0
277	Peas (Champ. of England)..... J. B. Varick Co., Manchester, N. H. Feb. 27.					77.0
278	Peas (Hersford's Market)..... J. B. Varick Co., Manchester, N. H. Feb. 28.					82.5
279	Peas (Gradus)..... J. B. Varick Co., Manchester, N. H. Feb. 28.					72.5
280	Peas (Maud S)..... J. B. Varick Co., Manchester, N. H. Feb. 28.					98.0
281	Peas (Sir Thos. Laxton)..... J. B. Varick Co., Manchester, N. H. Feb. 28.					78.0
282	Peas (Everbearing)..... J. B. Varick Co., Manchester, N. H. Feb. 28.					74.0
283	Beans (Dwarf Hort.)..... J. B. Varick Co., Manchester, N. H. Feb. 28.					94.0
284	Beans (Burpee's Stringless Podded).... J. B. Varick Co., Manchester, N. H. Mar. 1.					93.0
285	Beans (Ky. Wonder)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					96.5
286	Beans (Worcester Pole)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					82.0
287	Beans (Long's Yel. 6-weeks)..... J. B. Varick Co., Manchester, N. H. Mar. 14.					58.0
288	Beans (Red Kidney)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					96.0
289	Beans (Imp. Golden Wax)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					97.5
290	Peas (Blk. Eye Marrowfat)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					90.5

SEED EXAMINATION, 1911—*Continued.*

Sample No.	Kind of Seed, Sender, Date of Report, and Kind and No. of Foreign Seeds Found in One Pound.	Percent of Pure Seed.	Percent of Weed Seed.	Percent of Other Grass Seeds.	Percent of Inert Matter.	Percent of Germination.
291	Beans (Wardwell's Kidney Wax)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					97.0
292	Peas (Imp. Telephone)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					70.0
293	Beans (Golden Eyed Wax)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					99.0
294	Beans (Blk. Wax Pole)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					62.5
295	Peas (Alaska)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					95.0
296	Peas (Yorkshire Hero)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					63.5
297	Peas (Sutton's Excelsior)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					86.0
298	Peas (Amer. Wonder)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					87.0
299	Peas (Imp. Stratagem)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					72.5
300	Peas (Advancer)..... J. B. Varick Co., Manchester, N. H. Mar. 1.					76.0
301	Red clover (Max)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Mar. 17. Rib-grass, 180; Hungarian millet, 273; Miscella- neous, 819.	99.5	.3		1.2	73.0
302	Oats (Peoria No. 2)..... Stratton & Co., Concord, N. H. Mar. 2.					94.5
306	Canada Blue Grass (B. & B. 3453).... Whitney-Eckstein Seed Co., Buffalo, N. Y. Mar. 17. Alsike clover, 5,448; Canada thistle, 908; Green fox-tail, 908; Ox-eye daisy, 5,448; Shepherd's purse, 3,632; Timothy, 79,900.	86.0	.8	5.0	8.2	
307	Timothy ..... Maxfield & Sanborn, Pittsfield, N. H. Mar. 27. Alsike clover, 454; Poverty weed, 454.	99.7	trace	trace	.2	87.0
308	Timothy (No. 392)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Mar. 29. Alsike clover, 1,135; Redtop, 1,135; Self-heal, 1,589.	99.5	.1	.2	.2	81.5
309	Timothy (No. 540)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Mar. 29. Alsike clover, 454.	99.5		trace	.5	93.0
310	Timothy (Sec.)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. Mar. 29. Alsike clover, 454; Red clover, 680; Self-heal, 454.	99.4	trace	.1	.5	72.5

SEED EXAMINATION, 1911—*Continued.*

Sample No.	Kind of Seed, Sender, Date of Report, and Kind and No. of Foreign Seeds Found in One Pound.	Percent of Pure Seed.	Percent of Weed Seed.	Percent of Other Grass Seeds.	Percent of Inert Matter.	Percent of Germination.
311	Oats (Elwood's)..... E. C. & W. L. Hopkins, Greenfield, N. H. Mar. 30. Lamb's quarters, 15; Wheat, 30.	99.0	trace	.7	.3	97.0
312	Oats ..... Norris E. Henderson, Merrimack, N. H. April 5.					84.0
313	Alfalfa (A. B. 3)..... Whitney-Eckstein Seed Co., Buffalo, N. Y. April 10. Chickweed, 637; Green foxtail, 91; Pigweed, 91; Rib-grass, 454; Bull thistle, 91; Miscellaneous, 91.	95.7	.4	.....	4.9	.....
314	Oats ..... Nashua Grain Elevator, Nashua, N. H. April 10. Sorrel, 9; Wild mustard, 90; Sunflower, 9; Wheat, 45.	98.6	.4	.6	.4	91.5
315	Oats ..... Maxfield & Sanborn, Pittsfield, N. H. April 10.					91.5
316	Oats (Native grown)..... Holbrook Grocery Co., Keene, N. H. April 26.					85.0
317	Corn (Flint)..... H. F. Schroeder, S. Barnstead, N. H. May 8, 1911.					69.0
318	Alfalfa ..... C. D. Henning, Philadelphia, Pa. June 21. Canada thistle, 90; Hungarian millet, 270; Pigweed, 90.	99.3	.1	.....	.6	91.0

In general, the results of the inspection show a higher average per cent of purity for the grass seeds, such as timothy, redtop, millet, alfalfa, and the clovers, than was indicated for the year preceding. The average germinating quality of these seeds, however, was not as high as in 1910, the reason for which was probably due to the fact that the conditions for seed production were less favorable that year, resulting in a scarcity and high price of seed. No samples of very dirty or foul seed were inspected, and a considerable less variety of weed seeds were found than last year. The conclusion is, therefore, that dealers are aiming to secure and sell seeds of a high grade of purity.

The table below and on the following page gives a condensed summary of the results.



SUMMARY TABLE, SHOWING THE KINDS OF FOREIGN SEEDS FOUND IN SAMPLES EXAMINED IN 1911 AND THE NUMBER OF SAMPLES IN WHICH THEY WERE FOUND.

NAMES OF FOREIGN SEEDS.	Names of Samples Examined.							
	Red Clover.	Alsike Clover.	Mammoth Clover.	Alfalfa.	Timothy.	Redtop.	Millet.	Oats.
Number of Samples Examined.	8	3	1	7	11	1	3	2
Alsike clover.....	5	..	1	..	11	1	..	..
Bull thistle.....	..	..	..	1	..	..	..	..
Canada thistle.....	..	1	..	1	..	..	..	..
Chickweed .....	2	2	1	..	..	1	..	..
Crab-grass .....	..	..	..	..	..	..	1	..
Docks .....	1	..	..	..	..	..	..	..
Dodder .....	..	..	..	1	..	..	..	..
Green foxtail.....	4	..	..	2	..	..	..	..
Kentucky bluegrass.....	..	1	..	..	2	..	..	..
Lamb's-quarters .....	1	..	..	..	..	..	1	1
Mallow .....	1	..	1	..	..	..	..	..
Millet .....	1	..	..	1	..	..	..	..
Miscellaneous or unknown.....	4	1	..	1	..	..	..	..
Peppergrass .....	..	..	..	..	..	..	1	..
Pigweed .....	..	..	..	..	3	..	..	..
Poverty weed.....	..	..	1	..	1	..	..	..
Rag-weed .....	..	..	1	..	..	..	..	..
Red clover.....	..	2	..	1	2	..	1	..
Redtop .....	..	..	..	..	1	..	..	..
Rib-grass .....	5	..	..	2	1	..	..	..
Self-heal .....	..	..	..	..	2	..	..	..
Smartweed .....	..	..	..	..	..	..	1	..
Sorrel .....	3	2	..	1	1	..	..	1
Shepherd's purse.....	..	2	..	..	..	..	..	..
Timothy .....	7	1	1	..	..	..	..	..
Wheat .....	..	..	..	..	..	..	..	2
Whitetop .....	..	..	..	..	..	1	..	..
White clover.....	1	..	..	..	..	..	..	..
Wild carrot.....	..	..	..	1	..	..	..	..
Wild mustard.....	..	..	..	..	..	..	..	1
Wild sunflower.....	..	..	..	..	..	..	1	1
Witch-grass .....	1	..	..	..	..	..	1	..
Yellow foxtail.....	1	..	1	..	..	..	3	..



# THE TEXT OF THE LAW

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HOUSE BILL . . . . . No. 396.

STATE OF NEW HAMPSHIRE.

IN THE YEAR OF OUR LORD ONE THOUSAND NINE HUNDRED  
AND NINE.

AN ACT

To Regulate the Sale of Agricultural Seeds.

*Be it enacted by the Senate and House of Representatives  
in General Court convened:*

SECTION 1. Every lot of agricultural seeds, including seeds of cereals, grasses, forage plants, vegetables, garden plants, and white pine trees, but not including those of other trees, shrubs, and ornamental plants, which is sold, offered, or exposed for sale for seed in bulk or package of one pound or more, within this state, shall be accompanied by a plainly written or printed guaranty, stating first its percentage of purity from foreign seeds and other matter, and second, its percentage of vitality.

SECT. 2. Sellers or dealers in seeds may base their guaranties upon tests or analyses conducted by themselves, their agents, or by the secretary of the State Board of Agriculture or his agents, *provided* that such tests or analyses shall be made in such a manner and under such conditions as the said secretary may prescribe.

SECT. 3. The results of all tests or analyses of seeds made by the said secretary, together with the names and addresses of the persons from whom the samples of seed were obtained, shall be published annually in a bulletin by the New Hampshire College Experiment Station, and biennially in the report of the State Board of Agriculture. The said secretary shall also publish from time to time in the quarterly report of the State Board of Agriculture equitable standards of purity and vitality, together with such information concerning agricultural seeds as may be of public benefit.

SECT. 4. Whoever sells, offers, or exposes for sale or for distribution, within this state, any agricultural seeds heretofore named in this act, without complying with the requirements of sections one and two, or whoever, with intention to deceive, wrongly marks or labels any lot of agricultural seeds, including the seeds of cereals, grasses, forage plants, vegetables, garden plants, and white pine trees, but not including those of other trees, shrubs, and ornamental plants, as pertains to their percentage of purity and vitality, shall be punished by a fine not exceeding one hundred dollars for the first offense, and not exceeding two hundred dollars for each subsequent offense.

SECT. 5. The provisions of the four preceding sections shall not apply to any person growing, selling, offering, or exposing for sale cereals and other agricultural seeds for food.

SECT. 6. The secretary of the State Board of Agriculture shall diligently enforce the provisions of sections one and four of this act, and in his discretion prosecute offenses against the same.

The object of this law is in substance the same as that of our pure food and fertilizer laws, namely, to have the buyer know just what he is buying. It is intended to provide a means whereby our farmers and other purchasers of seeds may have reliable information, on the basis of which they may protect themselves against the introduction

of noxious weeds and against loss through weak or otherwise worthless seeds; also to provide a reasonable protection for careful, conscientious dealers against negligent, designing, or unscrupulous ones.

It is not the purpose or intent of the law to work a hardship on our seed dealers or to hurt their legitimate business, and neither is it intended to require farmers and other growers to purchase seeds of a better quality than they desire.

The law does not apply to the common five and ten-cent packages of garden and flower seeds. Only seeds sold in bulk or in packages of one pound or more are subject to the provisions of the law and are required to be accompanied by a guaranty stating their percentage of purity and vitality.

The guaranty or label may be of any form desired by the seller of the seeds, as a tag, sticker, or direct brand upon the container. It must, however, be plainly written or printed, and placed distinctly visible to the purchaser. Each dealer will provide his own labels.

To secure a fair average sample of a lot or bulk, take small quantities from all of the bags or from different parts of any particular bulk. Mix thoroughly and take out the sample to be inspected. When the seeds are in bags or large bins, the use of a grain sampler is most convenient, since this will insure getting seeds from the top, middle, and bottom alike. Since the report of the analysis is based upon the nature of the sample inspected, it is important that the sample be carefully taken.

The size and amount of the samples necessary for a test will depend upon the size and weight of the seeds. About one half ounce, or a tablespoonful of the smaller grass and vegetable seeds, like alsike and white clover, redtop, lettuce, onions, radish, turnip, etc.; about one ounce or two tablespoonfuls of the larger seeds, like timothy, millet, red clover, alfalfa, rape, etc.; and about four ounces, or a small cupful, of the cereal grains or vegetable seeds, like oats, barley, corn, peas, beans, etc., should be sent.

Samples sent to the experiment station for testing should be enclosed in a strong paper envelope and securely fastened. Single samples should be sent by mail at the customary merchandise rates. When a number of samples are to be sent they should be put up securely in a single package and forwarded by mail or express, whichever way is the cheaper. Samples should not be sent in bottles or glass jars. Each sample sent in should be marked as follows:

Name and address of sender.

Date of sending.

Kind of seed.

Brand name (if any), and number of package.

Purity or germination test desired (one or both).

Write a letter stating the number and kind of samples sent so that their receipt may be promptly acknowledged.

Address all samples and communications regarding the same to F. W. Taylor, Experiment Station, Durham, N. H.

Section two of the law states the provisions under which the tests and analyses shall be made. The secretary of the State Board of Agriculture has appointed F. W. Taylor, agronomist of the experiment station, as his regular agent for making all tests and analyses in this state. The sellers or dealers who desire to base their guaranties upon tests made by themselves or their agents must first secure the approval by the secretary of the State Board of Agriculture of the methods to be used in making the tests, and of the person who is to conduct them.

As no funds are available for the secretary of the State Board or for the experiment station to conduct the tests, a nominal charge, sufficient to cover the cost of making them, must be made. The charge for making a purity test will be *seventy-five* cents per sample. For seeds sold in mixtures the charge will be *seventy-five cents* for the sample and ten cents additional for each kind of seed said to be contained therein. The charge for making a germination test will be *twenty-five* cents per sample. Seeds will be tested for any resident of the state, whether a dealer or not, at the above rates.





REPORT OF STATE NURSERY  
INSPECTOR.



## REPORT OF STATE NURSERY INSPECTOR.

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DURHAM, N. H., Sept. 26, 1912.

*Honorable N. J. Bachelder,  
Secretary of the State Board of Agriculture,  
Concord, N. H.*

DEAR SIR:—I beg to submit the following report of the work done as State Nursery Inspector since September 1, 1910:

In 1910, eleven nurseries were granted certificates giving them permission to sell from their nurseries, and good up to July 1, 1911. The following are the names, location and character of stock handled by each:

A. P. Horne & Co., Manchester, N. H.—Ornamentals, some fruit.

L. E. Williams, Exeter, N. H.—Collected stock.

Ellsworth, Brown & Co., Seabrook, N. H.—Fruit and evergreens.

Warren Hoyt, North Danville, N. H.—Fruit and ornamentals.

Clarence I. Drowne, Chester, N. H.—Collected stock.

Ralph E. Danforth, East Jaffrey, N. H.—Foreign evergreens mostly.

D. Webster Dow, North Epping, N. H.—Evergreens and ornamentals.

Dearborn Brothers, Pembroke, N. H.—White pine.

L. P. Butler, Keene, N. H.—General.

R. Kirkpatrick, Residence, Ferry Road off Concord St., Nashua, N. H.—General.

Keene Forestry Association, Herbert K. Powell, Manager, Keene, N. H.—White pine.

The same nurseries were inspected and certificates issued to their owners in 1911.

The inspection work during each of these years was done by Professor W. C. O'Kane, entomologist of the New Hampshire Experiment Station, and has been done in such a thorough and intelligent manner that the results mean something not only to purchasers of stock from these nurseries, but to the owners of them as well. Where disease or dangerous insect pests have been discovered and pointed out the nurserymen have taken such measures as were recommended to eradicate the trouble. Some nurseries, for this reason, had to be inspected several times, but in no instance has a certificate been issued until the nursery seemed free from dangerous insect life or disease.

The gypsy and brown-tail moths have become very numerous in certain sections of New Hampshire, particularly in the southeastern section. The general government has already recognized the danger from these pests and many states are viewing with some apprehension nursery stock shipped from sections where they are found. In view of these facts, I have not the present season issued to those nurseries located in the worst infected districts certificates giving them a right to sell, and good to July 1, 1913, but have arranged to have the several shipments inspected before sending. Where stock is inspected in this manner there should be almost no danger from the brown-tail or gypsy moth, and very little from San Jose or oyster shell scale.

Great care, even in small nurseries has to be exercised to discover a slight infestation of San Jose scale, and it is not to be wondered at that in those states where larger nurseries are located and from which a large part of our fruit trees come, that we receive many shipments of infested stock.

I would recommend, therefore, that our present State Inspection law be amended so that all nursery stock, wherever grown, sold in New Hampshire and of such varieties

as are known to be susceptible to the attacks of San Jose scale be accompanied not only by certificate of inspection but also an affidavit that such stock has been properly fumigated. Transportation companies will not accept for shipment any stock classed as nursery stock unless the contents of such packages or boxes have been inspected and properly tagged. We have quite a few requests from private parties for such inspection. If such work is to be done at the expense of the state a larger appropriation will be needed.

Congress has recently passed an act which was approved by the President August 20, 1912, and entitled "An Act to regulate the importation of nursery stock and plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants and vegetables therefrom, and for other purposes." Under the provisions of this act the Secretary of Agriculture is authorized and directed to quarantine any state, territory or district of the United States, or any portion thereof, whenever he shall determine the fact that a dangerous plant disease or infestation, new or not wholly prevalent in the United States exists in such state, territory, or district. A public hearing has to be given before this quarantine goes into effect, so that all parties interested may be heard, either in person or by some representative.

The passage of this law was perhaps hastened by the imminent danger of the importation into the United States of two dangerous plant diseases, namely, the "white pine blister rust," and the "potato wart or potato canker," as it is called, and also a dangerous insect pest, the "Mediterranean fruit fly."

The Secretary of Agriculture proposes through virtue of the authority vested in him by this recent act to quarantine the territory of Hawaii as against the Mediterranean fruit fly and to prohibit importations from practically all European countries of four species of pine, and also to prevent



the importation of potatoes from many parts of Europe and several islands not far from the Atlantic coast.

Conscientious inspection on the part of the officials, careful examination by purchasers and intelligent care for our fruit, shrubs, and ornamental trees will do much toward lessening the damage caused by plant diseases and insect pests.

Respectfully submitted,  
CHARLES W. STONE,  
*State Nursery Inspector.*

REPORT OF CATTLE COMMISSION-  
ERS.



## BOARD OF CATTLE COMMISSIONERS.

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IRVING A. WATSON, President.....Concord.  
NAHUM J. BACHELDER, Secretary.....Concord.  
RICHARD PATTEE.....Plymouth.

### ADVISORY BOARD.

#### STATE BOARD OF HEALTH.

ROBERT P. BASS.....Peterborough.  
GRANVILLE P. CONN.....Concord.  
JAMES P. TUTTLE.....Manchester.  
IRVING A. WATSON.....Concord.  
ROBERT FLETCHER.....Hanover.  
FRANK E. KITTREDGE.....Nashua.

#### STATE BOARD OF AGRICULTURE.

ROBERT P. BASS.....Peterborough.  
JOSEPH D. ROBERTS.....Rollinsford.  
ALDEN F. SANBORN.....Fremont.  
THADDEUS W. BARKER.....Nelson.  
CHARLES T. ROSSITER.....Claremont.  
EDWARD E. BISHOP.....Bethlehem.  
GEORGE H. WADLEIGH.....Tilton.  
S. O. HUCKINS.....Ossipee.  
HERBERT O. HADLEY.....Peterborough.  
MILES W. GRAY.....Colebrook.  
F. HALE FLANDERS.....Andover.

#### EXECUTIVE COMMITTEE STATE GRANGE.

RICHARD PATTEE.....Plymouth.  
ALBERT J. RICHARDSON.....Littleton.

CHARLES W. BARKER.....	Exeter.
CURTIS B. CHILDS.....	Henniker.
GEORGE R. DRAKE.....	Manchester.

## VETERINARIANS.

WILLIAM T. RUSSELL.....	Nashua.
ROBERT J. MACGUIRE.....	Concord.
GEORGE G. MACGREGOR.....	Whitefield.
F. V. BARRETT.....	Peterborough.
GEORGE W. COPP.....	Tuftsborough.
WALTER B. LORING.....	Milford.
G. E. CHESLEY.....	Rochester.
R. F. MOORE.....	Lakeport.
F. L. BODWELL.....	Dover.
J. L. RATHBONE.....	Brattleboro, Vt.
C. E. BURCHSTED.....	Concord.
FRED J. SANBORN.....	Orford.
H. L. ROLLINS.....	Concord.
A. L. EDMUNDS.....	Franklin.
F. H. SMITH.....	Exeter.
GEORGE STEPHENS.....	White River Junction, Vt.
H. M. LEWIS.....	Nashua.

## REPORT.

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*To His Excellency the Governor and to the Honorable Council:*

The report of the State Board of Cattle Commissioners from September 1, 1910, to September 1, 1912, is herewith presented.

It contains the public statutes under which the work of the board has been carried out, the orders and regulations issued by the board, the record of inspections made, and number of diseased animals destroyed.

### CHAPTER 113. PUBLIC STATUTES.

#### UNITED STATES INSPECTORS.

SECTION 1. The governor is authorized to accept on behalf of the state the rules and regulations prepared by the commissioner of agriculture under and in pursuance of section three of an act of congress approved May 29, 1884, entitled, "An act for the establishment of a bureau of animal industry, to prevent the exportation of diseased cattle, and to provide means for the suppression and extirpation of pleuro-pneumonia and other contagious diseases among domestic animals," and to coöperate with the authorities of the United States in the enforcement of the provisions of such act.

SECT. 2. The inspectors of the bureau of animal industry of the United States shall have the right of inspection, quarantine, and condemnation of animals affected with any contagious, infectious, or communicable disease, or suspected of being so affected, or that have been exposed to any such disease; and for these purposes are authorized



and empowered to enter upon any ground or premises. They shall have power to call on sheriffs, constables, and peace officers to assist them in the discharge of their duties in carrying out the provisions of said act of congress; and it is made the duty of said officers to assist them when so requested. The inspectors shall have the same powers and protection as peace officers while engaged in the discharge of their duties.

SECT. 3. All damages and expenses incurred under the preceding sections shall be paid by the United States, and in no case shall this state be liable for any part thereof.

#### STATE BOARD OF CATTLE COMMISSIONERS.

SECT. 4. The secretary of the State Board of Agriculture, the master of the New Hampshire State Grange of the Patrons of Husbandry, and the secretary of the State Board of Health, for the time being, shall constitute a board, to be known as the State Board of Cattle Commissioners. If a vacancy in the board shall occur, the governor, with the advice of the council, shall fill it by appointment, and the appointee shall hold office until the vacancy in the office occasioning the vacancy in the board is filled.

SECT. 5. The board shall make investigations in regard to the existence of contagious and infectious diseases among domestic animals within the state, and may make regulations prohibiting the introduction into the state of animals so diseased, and controlling or prohibiting their transportation, and such other regulations as the board deems necessary to exclude or arrest any such disease, and may modify or amend its regulations as the circumstances shall require.

SECT. 6. The board may employ skilled veterinarians and agents and servants to aid in the performance of the duties assigned to the board.

SECT. 7. Any person or corporation who shall violate any of the regulations of the board shall be fined not exceeding one hundred dollars.

SECT. 8. The compensation and expenses of the board shall be audited and fixed by the governor and council, and shall be paid from the state treasury, but all expenses incurred under the provisions of this chapter shall not exceed ten thousand dollars in any one year.

CARE AND DISPOSITION OF DISEASED ANIMALS.

SECT. 9. Selectmen shall cause all horses infected with glanders or other contagious disease, and all other domestic animals infected with contagious diseases, or which have been exposed to such diseases, to be collected in some suitable place or places and kept isolated from other animals so long as may be necessary to prevent the spread of the diseases.

SECT. 10. In the performance of the duties prescribed by the preceding section, the selectmen shall be governed by the regulations and directions that may be made or given on the subject by the State Board of Cattle Commissioners.

SECT. 11. The State Board of Cattle Commissioners, or, if they have not taken cognizance of the case, the selectmen of the town in which the animal is, may order any domestic animal to be killed and buried, which, in the opinion of a veterinary surgeon selected by them, has a contagious or infectious disease.

SECT. 12. The owners of animals so killed shall be entitled to recover of the town the value of such animals in their diseased condition, if they have been owned in the state three months at least before the disease was detected. The State Board of Cattle Commissioners or the selectmen, as the case may be, shall cause the value to be ascertained by the appraisal of three competent and disinterested persons selected by them, who shall be sworn to the faithful discharge of their duties.

SECT. 13. In case the owner is aggrieved by the appraisal, he may appeal by petition to the supreme court within thirty days after he is notified of the appraisal. He

shall notify the town of his appeal, and enter and prosecute it as he would if it were a civil action at law wherein the same amount of damages was claimed, and judgment shall be rendered therein in like manner.

SECT. 14. If upon such appeal he recovers a larger sum than the appraisers awarded him, he shall recover his taxable costs; otherwise he shall pay costs.

SECT. 15. All damages and expenses incurred under the six preceding sections, except expenses incurred by the State Board of Cattle Commissioners, shall be paid by the town in the first instance; but four fifths thereof shall be reimbursed to it from the state treasury. The governor and council shall audit all claims thus presented and the governor shall draw his warrants upon the treasurer for the amounts allowed in favor of the towns entitled thereto.

#### PRECEDENCE IN AUTHORITY.

SECT. 16. In cases where United States inspectors, state commissioners and selectmen, or any two of such boards, take action with reference to the same subject matter under the provisions of this chapter, they shall have precedence in authority in the order above named.

#### PENALTIES IN CERTAIN CASES.

SECT. 17. Any person or corporation who shall bring into the state between the twentieth day of May and the twentieth day of October any Texas or Cherokee cattle that have not been kept north of the Ohio or Missouri river during the winter immediately preceding, shall be fined not exceeding twenty-five dollars for each animal so brought into the state. The term Texas or Cherokee cattle shall be construed to mean the native cattle of Texas and Louisiana and the classes of cattle known under those names.

SECT. 18. Any person who shall expose, or suffer to be exposed, in any highway, public place, or pasture, any horse affected by the disease known as glanders, shall be fined not

exceeding fifty dollars for each offense, for the benefit of the town or city where the offense is committed.

SECT. 19. Any person exposing any domestic animal as aforesaid, affected with any other contagious or troublesome disease, shall be fined not exceeding twenty-five dollars for each offense for the benefit of the town.

SECT. 20. It shall be the duty of selectmen and police officers of towns in which any of the offenses mentioned in the three preceding sections shall be committed, to cause the offenders to be prosecuted.

#### AMENDMENT OF 1893.

At the session of the legislature of 1893 the following amendment was passed:

SECTION 1. The owners of cattle killed by order of the State Board of Cattle Commissioners shall recover of the state one half the value of such animals upon a basis of health, said value to be ascertained by a disinterested appraisal, provided they have been owned in the state three months at least before the disease was detected.

SECT. 2. All acts and parts of acts inconsistent with this act are hereby repealed, and this act shall take effect upon its passage.

#### AMENDMENT OF 1911.

AN ACT TO AMEND SECTION 1, CHAPTER 33, LAWS OF 1895,  
RELATING TO PAYMENT FOR CATTLE WHICH ARE KILLED  
BY ORDER OF THE BOARD OF CATTLE COMMISSIONERS OF  
ANY STATE.

*Be it Enacted by the Senate and House of Representatives  
in General Court convened:*

SECTION 1. Amend section 1, chapter 33, Laws of 1895, by inserting the words of any state between the words "commissioners" and "shall" in the second line of said section by striking out the word "the" between the words

“of” and “state” in said second line, and inserting in place thereof, the word this, by striking out the words “have been” in the fifth line and inserting in place thereof the word are, and by inserting after the word “owned” in said fifth line the following: by a citizen of this state and, by adding to said section, after the word “detected” in the last line the following: *And provided* that not more than thirty days shall have elapsed since said cattle have been removed from this state, so that said section as amended shall read as follows: SECTION 1. The owners of cattle killed by order of the State Board of Cattle Commissioners of any state shall recover of this state one half the value of such animals upon a basis of health, said value to be ascertained by a disinterested appraisal, *provided* they are owned by a citizen of this state, and in the state three months at least before the disease was detected. *And provided* that not more than thirty days shall have elapsed since said cattle have been removed from this state.

Approved April 14, 1911.

## REGULATIONS GOVERNING ADMISSION OF CATTLE TO THE STATE.

STATE OF NEW HAMPSHIRE.

BOARD OF CATTLE COMMISSIONERS.

CONCORD, August 25, 1903.

*To Transportation Companies, Stock Dealers and Owners,  
and All Persons Whom It May Concern:*

1. The order of the State Board of Cattle Commissioners issued under date of November 28, 1902, establishing certain quarantine regulations on account of foot-and-mouth disease, is hereby revoked.

2. Sheep, goats, swine and all other domestic animals excepting neat cattle, may be brought into the state without a permit from the State Board of Cattle Commissioners.

3. No neat cattle from any state, territory, district, or country shall be brought into the state of New Hampshire



except upon a permit issued by the State Board of Cattle Commissioners.

4. All neat cattle, excepting calves under six months of age, to be brought into New Hampshire from any state, territory, district, or country for any other purpose than pasturing or exhibition must first pass the tuberculin test at the hands of a competent and regularly educated veterinary surgeon, or one recommended by the cattle commissioners of the state from which the cattle are to be sent. Upon receipt of examination papers, showing that the animal is free from tuberculosis, a permit will be issued. Blanks for the use of veterinary surgeons (one for each animal to be tested) will be furnished upon application.

5. Parties desiring to bring neat cattle into New Hampshire for pasturing or exhibition purposes should apply to the board for blank forms of application for permit, as there are certain conditions to be complied with; the animals must pass a physical examination at the hands of a competent and regularly educated veterinary surgeon, or one recommended by the cattle commissioners of the state from which the cattle are to be sent, and the application and veterinary surgeon's certificate must be filed at the office of this board, when a permit will be issued allowing the cattle to enter the state.

6. This order is issued under authority of chapter 113 of the Public Statutes of New Hampshire, and all violations will be prosecuted according to law.

IRVING A. WATSON,

*President New Hampshire State Board of Cattle Commissioners.*

#### INSPECTIONS.

The law enacted to govern this matter confers upon the executive officer of the State Board of Health, the State Board of Agriculture, and State Grange, the authority in the suppression of contagious diseases among domestic animals, and all action taken and money expended has been with the approval of the executive officer of the



several organizations named and by the advice of the governor and council. Every case coming to the attention of the board has been investigated and such action taken as the policy of the board demanded. All applications to the board for inspection of herds within the state have been given attention by forwarding to the parties making application a blank form of which the following is a copy:

STATE OF NEW HAMPSHIRE.

BOARD OF CATTLE COMMISSIONERS.

APPLICATION FOR CATTLE INSPECTION.

*To the State Board of Cattle Commissioners, Concord, N. H.:*

GENTLEMEN:—I hereby make application for an official inspection of my herd of cattle in regard to which I make the following statement:

My entire herd consists of.....

Number showing disease.....

The disease suspected is.....

First noticed symptoms of disease about.....

.....

The symptoms stated in full, are.....

.....

These cattle are in my stable, located about.....  
miles from.....the nearest  
railroad station.

If the board considers an investigation advisable, and upon a physical examination finds tuberculosis or other contagious or infectious disease in the herd, I hereby authorize the board to take such action as it may deem best; with the understanding that the expense of making the examination is to be borne entirely by the board, and that, according to law, I am to receive one half the health value of all animals condemned, and destroyed in the presence of myself or of my agent. I also agree to disinfect the

stable, and to take other precautionary measures in accordance with the instructions of the cattle commissioners.

.....  
P. O. Address.....

Date....., 190 .

NOTE. All applications will be carefully considered, and when, in the opinion of the board, an examination is warranted, a veterinary surgeon will be sent to make an inspection as soon as the case can be reached in its order, usually within two weeks—often within a few days.

With the blank above given is sent the following:

#### INSTRUCTIONS.

1. When a herd of cattle, or any animal in it, shows symptoms of tuberculosis, and it is desired that an examination be made by the State Board of Cattle Commissioners, application must be made upon blanks furnished by the board for that purpose, and EVERY SYMPTOM FULLY DESCRIBED.

2. Cattle will not be examined simply upon a suspicion that tuberculosis may be present. The animal must show symptoms of the disease, otherwise an inspection will not be made by the board. A cough, alone, is not sufficiently indicative of tuberculosis, but there must be other symptoms also, chief among them a progressive loss of flesh.

Ordinarily the owner should hold the animal under observation for a sufficient length of time to convince that the disease exists before bringing the matter to the attention of this board.

3. All investigations authorized by this board will be made by competent veterinary surgeons and will be by physical examination only. The tuberculin test will not be made. For this reason applications for examination should not be made until the case has reached the stage above referred to.

4. As tuberculosis in cattle is of several months' duration before terminating fatally, and even before suspected

in some instances, the urgency for investigation is never so great as to require telegraphic or telephonic request for an examination. In all cases the facts should be reported by mail.

5. It is not always possible to make an investigation at once, even when deemed necessary by the board, as other examinations may have priority; but cases can usually be reached in a few days after the application is received, although sometimes ten days, or even two weeks, may intervene.

6. In the event that any cattle are destroyed by order of this board the state will pay the owner one half the appraised value of the animal in good health; but no losses will be paid upon any animal that has not been in the state at least three months prior to the discovery of the disease.

Payments will be made as soon after the close of the quarter as the bills can be audited by the governor and council. No cattle will be paid for by the state except those destroyed by order of this board.

In connection with this work the language used in a previous report may be repeated:

This plan has been strictly adhered to except in an occasional case where arrangements had been previously made to inspect herds in the immediate vicinity of the person applying, and there was not time to have the blank forwarded and returned. The inspection would then be made without the formal application, as it required no extra expense. Other exceptions have been in the case of applications from boards of health, or in the suspected existence of glanders in horses, both of which have generally had prompt attention.

All applications for inspection in official form, as indicated above, have had careful consideration by the board, and if conditions reported warranted, an official inspection was ordered. The conditions referred to are symptoms of a contagious disease. These applications have generally been given attention in the order in which they were received, and as soon as the exigencies of the case seemed to demand. We have not undertaken to reach cases where

haste was necessary in order to arrive before the death of animals, and have not paid for animals that have died before the arrival of the inspector. We have constantly held that the law did not contemplate, primarily, the reimbursement of owners for animals about to die, but that the first object was to destroy such animals as were endangering the health of animals and human beings, and, incidentally, pay the owner such recompense as is provided by the law. We have destroyed all animals found to be tuberculous from a physical examination, whatever their condition, and have attended to all cases within thirty days of receiving official notice, and many of them within one half this period, but have been to no undue haste to get to animals in the last stages of the disease.

It has not been the practice of the board to make a second inspection in a town immediately after a previous visit, but to make the inspection as soon as the circumstances seemed to warrant, using discretion in the matter. In this work the most distant sections of the state have had equal attention with the central, and no inspection has been withheld on account of any extra expense in reaching the herd. The applications made to the board since our previous report which, upon consideration, were worthy of an investigation, and which are on file as the authority of the board for ordering investigations, are as follows:

DATE OF CATTLE AND STABLE INSPECTION,  
FROM SEPTEMBER 1, 1910, TO SEPTEMBER 1,  
1912.

1910.

Aug. 20.	Arthur S. Moody,	Wolfeboro
22.	Frank Barton,	Cornish
24.	Frank Standards,	Barnstead
24.	Dearborn & Huckins,	New Hampton
25.	C. F. Allen, Supt.,	Weare
27.	T. F. Seward,	Barnstead
27.	W. D. Goodwin,	West Rumney

	27.	R. L. Hurd,	Hooksett
	30.	Henry D. Morey,	Londonderry
	30.	Almon Adams,	Hollis
	30.	James Thompson,	Hooksett
Sept.	1.	O. E. Eastman,	Concord
	1.	D. M. Phillips,	Canterbury
	3.	J. W. Matthews,	North Walpole
	5.	Wm. Lapier,	Derry
	5.	William Estate,	Sandwich
	5.	A. U. Avery,	Francestown
	6.	M. S. Brock,	Strafford
	8.	William Parker,	Columbia
	9.	George W. Crawford,	Jefferson Highlands
	9.	Whitefield Farm Company,	Whitefield
	9.	P. A. Young,	Newmarket
	9.	E. T. Gaffrey,	Raymond
	10.	S. H. Austin,	Jaffrey
	10.	John E. May,	Greenfield
	11.	A. S. Pillsbury,	Derry
	15.	Mrs. C. W. Redington,	Robey's
	16.	S. B. Nason,	Atkinson
	16.	E. R. Curtin,	Wilton
	16.	J. O. Davis,	Peterborough
	19.	G. S. Webster,	Chester
	20.	C. B. Williams,	Fitzwilliam
	20.	Charles Pike,	Lyme
	22.	R. G. Yeaton,	Gilmanton
	23.	J. A. Richards,	Goffstown
Oct.	1.	George E. Call,	Londonderry
	1.	A. E. Mills,	Hampstead
	1.	M. M. Anderson,	Loudon
	3.	W. L. Spaulding,	Pembroke
	4.	E. L. Cutting,	Croydon
	6.	Joe Munger,	Suncook
	11.	R. H. Prince,	Amherst
	11.	George N. Woodward,	Milford
	13.	G. F. Huntoon,	Belmont

	13.	Wm. B. Titus,	North Haverhill
	13.	Napoleon Seward,	Atkinson
	13.	B. M. Hilliard,	Newton
	14.	F. A. Burke,	Peterborough
	14.	A. B. Cass,	Epsom
	17.	R. W. Campbell,	Bath
	19.	W. S. Pillsbury,	Derry
	21.	J. B. Bean,	Lebanon
	21.	James O. Howard,	Jaffrey
	22.	Wilson Coleman,	Sandwich
	22.	Seth Bunnell,	Columbia
	23.	N. D. Baldic,	Carroll
	26.	F. W. Aiken,	Newport
	27.	E. W. Turner,	Belmont
	28.	G. A. Batchelder,	Hampton
	28.	Archibald Lantz,	Hampton Falls
	28.	S. C. Stimson,	Landaff
	28.	E. E. Clark,	Lisbon
	29.	A. C. Chase,	Whitefield
	29.	F. T. Hartwell,	Pembroke
Nov.	1.	F. B. Richards,	South Lyndeborough
	4.	Frank A. Fifield,	Cornish
	5.	B. E. Sanborn,	Deerfield
	8.	J. F. Woodward,	Andover
	10.	Alvia Ingerson,	Randolph
	10.	C. L. Cram,	Dalton
	10.	Peter Bisson,	Lancaster
	11.	D. I. Nilan,	Littleton
	11.	F. C. Lawrence,	Littleton
	11.	E. R. Spurlin,	Epsom
	12.	E. M. Hannaford,	Dublin
	12.	H. J. Pascoe,	West Ossipee
	13.	C. C. Eastman,	Chatham
	16.	Frank E. Russell,	Greenfield
	16.	C. P. Farrar,	Henniker
	17.	C. W. J. Fletcher,	Washington
	18.	E. Royce,	Concord



	18.	B. E. Osgood,	Nashua
	18.	John Roubles,	Hollis
	18.	W. N. Hayden,	Hollis
	19.	E. W. Dolliver,	South Lyndeborough
	19.	J. B. Bean,	Lebanon
	29.	F. M. Harding,	Sunapee
	30.	H. M. Derchene,	East Jaffrey
	30.	Ralph E. Danforth,	East Jaffrey
Dec.	2.	George Walker,	Quaker City
	2.	L. B. Simpson,	Concord
	2.	Arthur S. Moody,	Wolfeboro
	3.	Christian Madsie,	Mason
	3.	Andrew Tihe,	Wilton
	5.	J. H. Bickford,	Wolfeboro
	5.	H. A. Wilcox,	Newport
	6.	O. B. Greer,	Dunbarton
	7.	Eliza Philbrock,	Pittsfield
	7.	George S. Steele,	Hudson
	7.	Thomas Mulvanity,	Nashua
	7.	G. B. Freeman,	Atkinson
	7.	H. E. Aldrich,	Dalton
	7.	S. O. Hildreth,	Whitefield
	7.	W. W. Buswell,	Lancaster
	8.	George A. Lewis,	Deerfield
	8.	Perley Knapp,	Stewartstown
	8.	Charles A. Heath,	Stewartstown
	9.	L. E. Campbell,	Bath
	9.	Joseph Boutin,	Benton
	10.	E. Stanley,	Franklin
	10.	W. M. Morrill,	Canterbury
	12.	J. R. Sawyer,	Woodstock
	12.	M. A. Dane,	New Boston
	12.	Eli Antinio,	Concord
	15.	W. L. Taylor,	Franklin
	15.	W. H. Davis,	Newport
	15.	C. P. Hayes,	Alton
	15.	W. W. Hall,	Plaistow

17.	J. Frank Goodwin,	Wolfeboro
19.	Ira B. Hill,	Madbury
20.	Mrs. J. Huntoon,	Franklin
23.	H. Ordway,	Loudon
23.	W. D. Veazey & Company,	Thornton
23.	W. D. Baldwin,	Fitzwilliam
24.	Anson B. Cass,	Epsom
26.	W. E. Hayward,	Temple
26.	Walter S. Thayer,	New Ipswich
27.	B. B. Plummer,	Milton
28.	N. E. Howe,	Hollis
28.	John Stickney,	Piermont
28.	Frank Cutting,	Lyme
29.	Andrew Jackson,	Columbia
29.	Abel Lagg,	Jefferson
29.	E. M. Bray,	Whitefield
29.	E. F. Adden,	Lancaster
30.	A. P. Emerson,	Hampsted
30.	Charles H. Curtis,	Strafford
31.	C. F. Keniston,	Rumney

1911.

Jan.	3.	J. H. True,	Canterbury
	4.	J. E. Favor,	Bennington
	5.	W. L. Cobb,	Lebanon
	5.	D. O. Brewer,	Kingston
	6.	B. M. Tilton,	Portsmouth
	6.	Henry Scruton,	Strafford
	7.	D. Higgins,	Concord
	9.	W. E. & H. P. King,	Deerfield
	10.	George A. Proal,	Canaan
	12.	W. C. Tallman,	Canterbury
	13.	W. Hoitt,	Bedford
	14.	C. A. Bailey,	Suncook
	14.	R. H. Wilder,	Peterborough
	16.	Charles Dodge,	Piermont
	17.	S. G. Stevens,	Bradford
	17.	John Day,	Sanbornton

	21.	F. A. Barrett,	Francestown
	21.	W. L. Heath,	Jaffrey
	21.	Stephen W. Fowler,	Freedom
	23.	John Johnson,	Fitzwilliam
	23.	Harry Woods,	Bath
	23.	Leon H. Roberts,	Bath
	24.	A. H. Low,	Derry
	24.	George Pettingill,	Londonderry
	25.	A. J. Phelps, Jr.,	Danbury
	27.	S. J. Dow,	Canaan
Feb.	3.	C. C. Shaw,	Rochester
	6.	Fred D. Lewis,	Bethlehem
	10.	Mary Edwards,	Colebrook
	10.	C. H. Butman,	Hampsted
	11.	H. J. Wright,	Lisbon
	11.	A. Parker,	Lisbon
	15.	D. B. Whittemore,	Lyndeborough
	15.	E. M. Burdy,	Wilton
	18.	Peter LaPage,	Dunbarton
	20.	J. E. Philbrick,	Epsom
	24.	G. G. Moulton,	Warner
	28.	George S. Burnham,	Greenfield
	28.	William Chesbro,	Deering
Mar.	1.	Thomas Murtough,	Lisbon
	1.	W. B. Titus,	Pike
	4.	J. H. Sargent,	Bow
	4.	Fred J. Bickford,	Tamworth
	5.	Peter LePage,	Dunbarton
	7.	H. F. Dorr,	Holderness
	7.	J. F. Beamis,	Somersworth
	9.	D. M. Phillips,	Canterbury
	10.	Clarence Foley,	Sutton
	10.	George F. Miles,	Carroll
	10.	E. S. Aldrich,	Dalton
	11.	Clara Leavitt,	Chichester
	11.	Leonard Hadley,	Jefferson
	11.	Thomas Allaire,	Lakeport

	13.	L. Grooves,	Chichester
	15.	W. F. Duncklee,	Francestown
	16.	Pierce Brothers,	Hollis
	16.	David J. Wright,	Hollis
	17.	Miss H. M. Chute,	Windham
	21.	A. H. Hobbs,	Concord
	22.	C. L. Ham,	Barnstead
	22.	Albert Saltmarsh,	Concord
	23.	Henry Noyes,	Hampstead
	23.	C. W. Nelson,	Hampstead
	24.	R. H. Morgan,	Lempster
	25.	C. F. Eastman,	Landaff
	26.	F. H. Garland,	Nottingham
	27.	Mrs. E. R. Seaver,	New Hampton
	28.	Charles Coleman,	Brookfield
	30.	T. W. Jackson,	Columbia
	31.	Frank Blodgett,	Stewartstown
	31.	G. H. Whitman,	Pembroke
April	1.	Charles Dole,	Franklin
	1.	W. E. Tryon,	Hillsborough
	1.	J. L. Flanders,	Franklin
	2.	R. A. Parry,	Gonic
	3.	Ralph Holbrook,	Amherst
	3.	John Perry,	Wolfeboro
	4.	Sewell Johnson,	Snowville
	4.	E. A. Yeaton,	Epsom
	5.	Henry F. Brigham,	Rindge
	6.	M. L. Foster,	Pembroke
	7.	Myron Dennis,	Orford
	7.	M. L. Wing,	Lyme
	8.	J. A. Robinson,	Hudson
	8.	Mrs. James Hopwood,	Hudson
	8.	Gideon Johnson,	East Hampstead
	8.	Thomas Gould,	Hanover
	8.	M. M. Anderson,	Loudon
	10.	J. L. Anderson,	Bradford
	10.	J. W. Brown,	Jefferson
	10.	E. P. Kelso,	Dalton

	11.	F. A. Pettingill,	Lyndeborough
	11.	George S. Peavey,	Greenfield
	11.	J. S. Ross,	Hollis
	13.	J. A. Spaulding,	Hollis
	13.	J. A. Edwards,	Loudon
	13.	L. A. Noyes,	East Lempster
	15.	F. A. Dodge,	Pembroke
	15.	Harry Hodgen,	Haverhill
	15.	C. H. Crawford,	Jefferson
	18.	Annis B. Plummer,	Milton
	19.	E. E. Thurber,	East Andover
	20.	N. E. Farrar,	West Henniker
	20.	Hosea B. Clough,	Jefferson
	20.	Loren Ricker,	Jefferson
	21.	D. C. Dexter,	Sugar Hill
	24.	F. H. Wadleigh,	Exeter
	25.	Henry D. Cotton,	East Wolfboro
	26.	E. L. Cutting,	Croydon
	27.	H. O. Corson,	Barnstead
	29.	J. B. Marston,	Chichester
	29.	H. P. Spooner,	Haverhill
	30.	S. B. Hartford,	Barrington
May	1.	H. W. Brooks,	Dover
	1.	H. M. Baker,	Henniker
	2.	M. S. Brock,	Strafford
	2.	H. A. Junkins,	Reed's Ferry
	3.	W. A. Thompson,	Wilmot
	4.	W. H. Horton,	Piermont
	4.	Frank W. Bridge,	East Sullivan
	4.	J. E. Parker,	Goffstown
	6.	A. J. Morrison,	Mason
	6.	F. B. Kimball,	Greenville
	11.	E. A. Goss,	Henniker
	16.	Irving Howard,	Strafford
	17.	A. A. Curtis,	Barnstead
	17.	Mary Ann Page,	Atkinson
	17.	Henry Beamis,	Somersworth
	18.	W. G. Dearborn,	Intervale

	20.	C. S. Flood,	Nelson
	23.	Caleb Wells,	Haverhill
	23.	Hattie E. Chase,	Kingston
	23.	C. A. Preston,	Contoocook
	24.	A. McKee,	Concord
	24.	Gilman M. Blakely,	Colebrook
	24.	W. H. Ramson,	Columbia
	24.	H. A. Hodge,	Colebrook
	26.	J. A. Purrington,	Hopkinton
	26.	Mrs. W. H. Anderson,	Windham
	26.	Ithamas Seavey,	Intervale
	27.	George Graves,	Redstone
	31.	W. L. White,	Greenfield
	31.	Joseph S. Keyes,	Wilton
	31.	Walter E. Hayward,	Temple
	31.	F. S. Shepard,	New London
June	2.	S. J. Hildreth,	Whitefield
	2.	Scott McAdams,	Hillsborough
	2.	A. B. Goss,	Pembroke
	3.	H. L. Webster,	Canaan
	3.	Mary E. Pike,	Sanbornville
	5.	Allen Varney,	Bethlehem
	6.	C. LaPorte,	Bethlehem
	6.	Emma P. Locke,	Amherst
	6.	Levi Stockwell,	Amherst
	7.	A. A. Barker,	Temple
	7.	E. A. Frederick,	New Ipswich
	7.	E. E. Weston,	Amherst
	8.	W. S. Noyes,	Atkinson
	9.	John H. Holland,	Amherst
	10.	G. E. Fellows,	Candia
	12.	H. G. Clark,	Pittsfield
	13.	W. H. Davis,	Auburn
	15.	E. L. Cutting,	Croydon
	15.	C. E. Whipple,	Franconia
	15.	Walter S. Thayer,	New Ipswich
	16.	John H. Smith,	Atkinson
	16.	Tillman Thompson,	Barrington



	16.	C. F. Noyes,	Atkinson
	16.	George B. Reed,	Columbia
	17.	C. A. James,	Milton
	17.	Elmer H. Fields,	Merrimack
	19.	H. W. Melendy,	Milford
	23.	Enos Caster,	Warner
	24.	W. A. Corbet,	New Ipswich
	30.	John A. Coburn,	Hollis
July	1.	G. B. Lake,	Pembroke
	3.	M. B. Gilman,	Sanbornton
	4.	Charles Cook,	Sandwich
	5.	J. F. Nichols,	Riverdale
	7.	Mrs. Harriet McDerby,	Reed's Ferry
	9.	S. G. Perkins,	Concord
	10.	H. J. Tarlton,	Deerfield
	10.	N. W. Lillie,	Laconia
	12.	John P. Weeks,	Greenland
	13.	B. E. Sanborn,	Deerfield
	14.	Frank Hanson,	Sandwich
	17.	Joseph T. O'Brien,	Milford
	18.	Etta B. Clarke,	Jaffrey
	19.	George O. Cook,	Sandwich
	19.	H. C. Smith,	Londonderry
	19.	F. W. Sherman,	Littleton
	21.	Gideon Roux,	Gonic
	24.	Frank Yeaton,	Strafford
	24.	* L. E. Tebbetts,	Middleton
	27.	Leroy C. Putnam,	Milford
	29.	W. M. Emerson,	Concord
	31.	W. F. Dodge & Son,	Whitefield
Aug.	1.	Oliver Holt,	Wilton
	1.	F. A. Burbank,	Derry
	2.	J. M. Breene,	Northwood
	5.	M. B. Carpenter,	Amherst
	7.	Lyster Brothers,	Concord
	9.	J. M. Woolson,	Northwood
	9.	Harry Thompson,	Epping
	12.	Georgie W. Yeaton,	Jaffrey

	12.	W. P. Weston,	Reed's Ferry
	14.	W. F. Leighton,	Middleton
	15.	W. C. Lewis,	Littleton
	15.	A. C. Taylor,	Concord
	15.	H. C. Aldrich,	Whitefield
	17.	F. E. Burroughs,	Concord
	17.	G. A. Day,	Laconia
	25.	George M. Batchelder,	Wilton
	25.	George Brock,	Northwood
	29.	Charles Palmer,	Franklin
	30.	J. M. Bennett,	Dunbarton
	30.	J. H. Bickford,	North Wolfeboro
Sept.	1.	George A. McConnell,	Lisbon
	2.	A. L. Newton,	Jefferson
	2.	Theodore Burke,	Bradford
	5.	J. A. Richards,	Goffstown
	6.	J. F. Sargent,	Bow
	6.	N. M. Savage,	Jefferson
	9.	L. B. Simpson,	Concord
	11.	C. W. Wallace,	Lakeport
	12.	Charles J. Burleigh,	Ossipee
	14.	W. D. Pickard,	Canterbury
	14.	W. H. & S. H. Rollins,	Rollinsford
	15.	Mrs. E. G. Pugsley,	Loudon
	16.	Irving A. Thurston,	Centre Conway
	16.	Florence Sullivan,	Lancaster
	16.	S. A. Conover,	Candia
	16.	J. R. Swallow,	Nashua
	16.	R. A. Buss,	Acworth
	20.	Dutton Brothers,	Deerfield
	22.	Wallace Morgan,	Hooksett
	23.	G. H. Hammett,	Antrim
	25.	W. H. Hume,	Wilsons
	26.	E. T. Page,	Pike
	27.	Charles H. Wentworth,	Lancaster
	27.	Walter L. Holmes,	Jefferson
	29.	Alec Grande,	Centre Harbor
	29.	E. E. Hurd,	Lempster

	29.	H. Parker & Son,	Lempster
	30.	H. A. Scruton,	Strafford
	30.	David M. Thurston,	Freedom
Oct.	2.	C. O. Emerson,	Concord
	2.	Arthur Pilbro,	Colebrook
	2.	Jean L. Bennett,	East Tilton
	4.	C. A. Eastman,	Concord
	5.	J. H. Savage,	Henniker
	6.	H. Campbell,	Bedford
	6.	G. M. French,	Manchester
	6.	Henry Cochrane,	Somersworth
	9.	C. W. Wilkins,	Henniker
	10.	Frances L. Russell,	Wilton
	11.	Herbert Etheridge,	Gossville
	11.	George D. Gould,	Greenfield
	11.	J. W. McDuffee,	Rochester
	12.	John Roach,	Concord
	14.	Charles F. Gage,	Washington
	17.	E. A. Savage,	Milford
	18.	A. H. Stone,	Jefferson
	18.	Mrs. M. D. Thayer,	Starking
	18.	George W. McIntire,	Whitefield
	18.	F. M. Harding,	Sunapee
	20.	Francis Bergeon,	Newmarket
	20.	W. J. Dicey,	Goffstown
	23.	J. H. Savage,	Henniker
	25.	A. M. Lee,	Centre Barnstead
	29.	George McC Sanborn,	Penacook
	28.	John J. Bradbury,	Freedom
	28.	W. W. Mackey,	Londonderry
	28.	Mrs. P. Richey,	Manchester
	30.	Eugene Beecher,	Landaff
	31.	H. R. Bickford,	Rochester
	31.	Fred A. Dennis,	Orford
Nov.	1.	H. D. Clough,	Bow
	3.	J. F. Beamis,	Somersworth
	3.	A. J. & L. M. Phelps,	Danbury
	4.	C. E. Elliott,	Whitefield

4.	S. B. Moulton,	Whitefield
4.	F. P. Stillings,	Jefferson
4.	J. B. Frost,	Jefferson
6.	Herbert Owen,	Stewartstown
9.	A. F. Sanborn,	Manchester
9.	Daniel Linehan,	Londonderry
10.	Edward H. Clarke,	Milford
10.	K. H. Abbott,	Wilton
11.	Harring, Allen & Company,	Peterborough
11.	H. W. Hardy,	Greenfield
11.	S. D. Nutter,	Ossipee
11.	W. E. Colby,	Pembroke
13.	B. H. Cutting,	Newport
13.	M. E. Wastman,	North Conway
13.	William Millen,	Unity
14.	James L. Cook,	Sanbornville
16.	J. L. Garland,	Henniker
17.	G. J. Messer,	Newbury
20.	Arthur J. Willand,	North Wolfeboro
20.	E. O. Smith,	Exeter
22.	Charles Currier,	Warner
22.	Andrew Pilleta,	New Ipswich
22.	Rev. M. L. Cutler,	East Jaffrey
23.	H. O. Proal,	Canaan
23.	W. D. Tasker,	Intervale
24.	Fred O. Caswell,	Stratford
24.	Clinton T. Adams,	Amherst
25.	Charles Belcher,	East Andover
28.	D. D. Hall,	Strafford
28.	George A. Baldwin,	Fitzwilliam
28.	D. M. Potter,	Wilton
28.	C. H. Smith,	Chester
28.	C. F. White,	North Haverhill
14.	C. F. Batchelder,	Gilford
Dec. 1.	E. G. Robinson,	Exeter
1.	F. G. Campbell,	Hollis
2.	C. E. French,	Loudon

4.	H. H. Cleveland,	Grasmere
6.	S. E. Bartlett,	Barrington
7.	Frank Blodgett,	Colebrook
7.	A. T. James,	Whitefield
8.	Fred Robarge,	Scotts
8.	Flora A. Dawson,	Jefferson
8.	Mrs. P. C. Plaisted,	Jefferson
9.	George A. Abbott,	Conway
9.	Edward B. Crowe,	East Jaffrey
9.	W. A. Knight,	Peterborough
11.	D. R. Caverly,	Sanbornton
12.	E. C. Smith,	East Haverhill
13.	O. C. Cutting,	Sunapee
13.	J. B. Proux,	Epping
13.	John J. McCrea,	Temple
13.	G. C. Arnold,	Greenville
13.	N. H. Sheldon,	Temple
13.	C. J. Willard,	Temple
16.	Olin True,	East Haverhill
16.	Mrs. John F. Upton,	New Boston
16.	C. E. Sleeper,	Gilford
17.	A. N. Holmes,	Greenland
18.	W. E. Beck,	Greenland
19.	George A. Campbell,	Manchester
19.	Jacob Cohen,	Concord
20.	Frank Thompson,	Allenstown
21.	L. S. Conner,	Contoocook
21.	Fred O. Bailey,	Westville
21.	A. E. Mills,	West Hampstead
22.	J. S. Keyes,	Wilton
22.	F. E. Garvin,	Dunbarton
23.	E. H. Nutting,	Francestown
28.	Mrs. C. A. Sulloway,	Grafton
28.	Walter L. Holmes,	Bennett's Landing
28.	George A. McConnell,	Landaff
28.	F. M. Potts,	Gilford
29.	James F. Davis,	West Epping

	29.	B. True Witham,	North Epping
	30.	Charles A. Whitcher,	Warren
1912.			
Jan.	1.	Seth P. Campbell,	Bedford
	1.	T. Davery,	Concord
	2.	F. C. Stevens,	Suncook
	3.	F. M. Pettingill,	Suncook
	3.	A. Grant,	Moultonborough
	5.	W. P. Tenney,	Hampstead
	6.	E. C. Hubbard,	Amherst
	6.	David Jacobs,	Rochester
	8.	M. T. Robinson,	East Kingston
	9.	Reed Brothers,	New Boston
	10.	George N. Plummer,	Derry
	10.	J. E. Ray,	Londonderry
	12.	D. H. Goodell,	Antrim
	12.	Mrs. C. A. Sulloway,	Grafton
	17.	L. E. French,	Barnstead
	19.	C. H. S. Walker,	Cornish
	19.	J. A. Clough,	Concord
	20.	I. M. Lowell,	Antrim
	20.	O. H. Frye,	West Wilton
	23.	G. W. Lyons,	Woodsville
	25.	C. B. Leavitt,	New Boston
	26.	Almon E. Clark,	Acworth
	27.	George W. Brock,	North Conway
	27.	John Blick,	Peterborough
	29.	J. C. Pickering,	Barnstead
	30.	J. W. Whitaker,	North Conway
	30.	E. M. Beard,	Henniker
	31.	Walter S. Thayer,	New Ipswich
	31.	Frank H. Hyck,	Smithville
	31.	John J. Lowry,	Whitefield
	31.	William Fizzell,	Colebrook
Feb.	1.	E. A. Hildrith,	Whitefield
	1.	Percy G. Dow,	Jefferson Highlands
	2.	D. C. Remick,	Littleton



	2.	George Moore,	Canaan
	3.	P. A. Young,	Newmarket
	3.	M. H. Eaton,	Cotton Valley
	5.	Guy Tethley Ice Co.,	Laconia
	5.	A. S. Prime,	Stoddard
	6.	A. A. Banks,	Temple
	6.	James L. Thomas,	Wilton
	6.	George O. Wooster,	Concord
	7.	O. H. Pillsbury,	Croydon
	7.	A. T. Young,	Easton
	7.	S. S. Twitchell,	Milan
	7.	Almon Adams,	Hollis
	12.	Frank Towle,	Dover
	12.	W. H. S. Nason,	Barrington
	14.	F. W. Mowers,	Lebanon
	17.	A. L. Dow,	Wakefield
	19.	J. L. Anderson,	West Concord
	19.	Albert Warren,	Manchester
	20.	G. C. Haskins,	Grafton
	21.	J. E. Shepard,	Concord
	21.	W. R. Weston,	Reed's Ferry
	21.	M. J. Courtney,	Nashua
	22.	J. H. Holland,	Amherst
	23.	B. S. Baithrow,	Enfield
	24.	J. G. Evans,	Sanbornville
	26.	John E. Deering,	Riverton
	27.	Andrew Jackson,	Columbia
	27.	F. L. Charles,	Suncook
	27.	Elmer E. Reed,	Salem
	28.	Harlie H. Sanborn,	Concord
	29.	H. Kidder,	Goffstown
Mar.	4.	Glen W. Sanders,	Goffstown
	4.	E. B. Dodge,	Wilmot
	6.	F. L. Beach,	Newbury
	6.	George W. Clark,	Deerfield
	9.	W. S. Bailey,	North Weare
	11.	F. P. Jones,	Merrimack

11.	Leonard Fuller,	Amherst
11.	Edwin Mardin,	Lisbon
12.	J. W. Prescott,	Kingston
14.	George M. Batchelder,	Wilton
15.	Jos. G. Thompson,	Lyme
16.	M. S. Brock,	Strafford
16.	Charles Pike,	Lyme Centre
16.	W. D. Johnson,	Lyme Centre
18.	Thomas Barrett,	Hopkinton
18.	E. D. Stockwell,	Lancaster
18.	Henry H. Forrester,	Jefferson
18.	Wm. B. Newell,	Jefferson
19.	Addie A. Richards,	Wilton
19.	Ira E. Wentworth,	Lancaster
21.	B. H. Cutting,	Unity
22.	E. W. Colburn,	West Deering
23.	Jesse W. Cotton,	Sanbornville
23.	George Watkins,	Reed's Ferry
23.	Frank B. Bishop,	Lisbon
24.	Jas. D. Caravean,	Meredith
25.	J. K. Tarleton,	Deerfield
27.	E. W. Langmaid,	Pembroke
28.	W. H. Scott,	Concord
28.	Jaques L. Cook,	Sanbornville
28.	Parker W. Tabor,	Pittsburg
30.	Herbert Kidder,	Goffstown
30.	Chester Potter,	Conway
30.	C. S. Brock,	Rochester
30.	Alonzo Cater,	Strafford
April 1.	E. M. Dodge,	Hinsdale
2.	Bertha Stevens,	Meriden
2.	Alice P. Haynes,	Henniker
2.	F. E. Avery,	Londonderry
2.	G. E. Cross,	Londonderry
2.	Fred Stoddard,	Columbia
2.	W. F. Reney,	Stewartstown
3.	John Fitzmorris,	Whitefield

	3.	E. M. Bray & Son,	Whitefield
	3.	James E. Favor,	Bennington
	4.	S. C. Stimson,	Landaff
	4.	Louise Richer,	Munsonville
	6.	F. C. Brockway,	Hillsborough
	6.	D. A. Goldsmith,	Ossipee
	6.	J. H. Woodman,	Deerfield
	8.	J. F. Beamis,	Somersworth
	9.	Mrs. John C. Barton,	Newport
	9.	The Barrett Sisters,	Newport
	16.	Ed. Mullavey,	Redstone
	16.	A. C. Hall,	Salem Depot
	17.	J. H. Benson,	Candia
	17.	G. M. Blaisdell,	Allenstown
	17.	Frank Whittum,	Starking
	17.	William Munn,	Northumberland
	17.	E. J. McIntire,	Jefferson
	18.	J. W. Edwards,	Temple
	20.	Charles J. Corbin,	Deerfield
	20.	F. E. Keyes,	Briston
	22.	John Gault,	Hooksett
	22.	George H. Turner,	Bethlehem
	23.	N. B. Rines,	Carroll
	24.	W. B. Robertson,	Freedom
	25.	M. M. Anderson,	Londonderry
	27.	H. N. Fairbanks,	East Wolfeboro
	27.	George B. Beane,	Stratford
	27.	Henry F. Davis,	Hampstead
May	6.	R. W. Bumford,	Barrington
	7.	C. N. Cutter,	Warner
	7.	J. H. Mithmore,	Derry
	8.	J. F. Perham,	Mt. Vernon
	9.	E. W. Jones, Admr.,	Peterborough
	11.	Andrew T. Cole,	Conway
	11.	B. F. Pillsbury,	Grantham
	14.	A. C. Hanson,	Hampton
	14.	W. L. Bachelder,	Concord

	15.	George E. Colcord,	Northwood
	15.	G. S. Girardet,	Peterborough
	15.	Nicholas McCormack,	East Jaffrey
	16.	J. W. Becker,	Portsmouth
	16.	J. B. Hayes,	Strafford
	16.	C. C. Shaw,	Rochester
	17.	D. J. Staniels,	Nashua
	17.	J. E. Barron,	Nashua
	17.	E. J. Littlefield,	Rochester
	18.	Ernest E. How,	Carroll
	20.	C. H. Dimmick,	Lyme
	20.	Clarence Blodgett,	Orfordville
	20.	Clarence Wright,	Orford
	22.	P. W. Hale,	Greenville
	23.	J. G. Adams,	Derry
	24.	C. B. Leavitt,	New Boston
	24.	A. J. Davis,	New Boston
	25.	John W. Whitman,	North Conway
	25.	E. E. Newell,	New Ipswich
	25.	B. F. Tenney,	Antrim
	27.	E. D. Tasker,	Northwood
	27.	Jos. Ceser,	Nashua
	28.	John Rigizio,	Dover
	28.	A. P. Tenney,	Wilmot
	29.	Charles Root,	Meriden
	31.	O. A. Ring,	Epsom
	31.	Ira M. Weeks,	Warren
	31.	J. S. Dearborn,	Sanbornton
June	1.	J. A. Rowell,	Pembroke
	1.	Henry C. Baldwin,	Tuftonborough
	3.	S. D. Felker,	Rochester
	5.	Charles Buzzell,	Chichester
	6.	L. H. Hodgman,	Mason
	6.	Mansfield Brothers,	New Ipswich
	6.	Orrin Stevens,	Meriden
	7.	S. D. Nutter,	Ossipee
	10.	A. G. Hodsdon,	Haverhill

	10.	John Lawson,	Ashuelot
	13.	Fred A. Rogers,	Meriden
	14.	George W. Boutwell,	Lancaster
	14.	C. W. Benson,	Lancaster
	14.	Guy V. Placy,	Colebrook
	14.	J. D. Howe,	Lancaster
	14.	C. H. Munn,	Lyme
	15.	Nathan W. Whitaker,	Conway
	17.	Fred D. Pike,	Pike
	18.	A. L. Langley,	Dover
	18.	C. W. Scribner,	Raymond
	18.	Arthur E. Mills,	West Hampstead
	19.	E. M. Lyford,	Canterbury
	20.	George J. Messer,	Newbury
	21.	Miss Mary E. Pike,	Sanbornville
	25.	L. C. Demerritt,	Bath
	26.	George W. Lowd,	Conway
	26.	O. M. Tucker,	Lancaster
	26.	E. M. Bray & Son,	Whitefield
July	1.	Charles H. Root,	Meriden
	1.	Albert W. Rollins,	Stewartstown
	2.	Leander B. Huntley,	Marlow
	3.	C. H. Etheridge,	Weare
	3.	F. E. Huckins,	Strafford
	9.	Susie Carlo,	Greenland
	10.	William G. Wagner,	Antrim
	10.	V. A. Elliott,	Brookline
	10.	Edwin R. Yeaton,	Epsom
	11.	George Waterman,	Weare
	17.	George P. Cass,	Suncook
	18.	A. S. Johnson,	Whitefield
	18.	Joseph Fuller,	Whitefield
	19.	James G. F. Elliott,	Littleton
	20.	C. H. Curtis,	Meriden
	22.	Henry Cochrane,	Somersworth
	23.	D. G. Webster,	West Andover
	23.	J. W. Chrisholm,	Wilmot

	26.	F. P. Robinson,	Concord
	27.	F. A. Simonds,	Epping
	30.	George Rief,	Manchester
	30.	John W. Howe,	Nashua
	31.	John Taylor,	Goffstown
	31.	Mary F. Marston,	Holderness
	31.	Henry N. Bailey,	Rumney
	31.	John E. Ray,	Londonderry
	31.	Mrs. C. F. Noyes,	Atkinson
	31.	J. G. Carlton,	Mt. Vernon
Aug.	2.	L. P. Forrestall,	Alstead
	3.	James H. Whitney,	Canaan
	5.	E. T. Prindall,	Wolfeboro
	6.	Fred Charette,	Somersworth
	13.	Aaron G. Young,	Woodman
	16.	George Poland,	Boscawen
	17.	W. H. Savage,	Sunapee
	17.	Harry O. Proal,	West Canaan
	17.	Andrew Stewart,	Canaan
	17.	A. T. Young,	Easton
	17.	W. A. Richardson,	East Andover
	19.	J. H. Robinson,	Pembroke
	20.	A. T. Hodgdon,	Lancaster
	20.	Quincy Chamberlain,	Farmington
	20.	J. H. Foss,	Strafford
	20.	Fred N. Farrin,	East Jaffrey
	20.	Roy H. Rennie,	Lyme Centre
	22.	W. J. Chase,	Henniker
	22.	C. S. Hall,	Gossville
	23.	A. C. Taylor,	Bow
	26.	George Brock,	Northwood
	27.	C. M. Pierce,	East Jaffrey
	28.	Lewis A. Ladd,	Epping
	29.	W. H. Ballard,	Concord



## FINANCIAL STATEMENT.

September 1, 1910, to September 1, 1911.

Appropriation .....	\$15,000.00
354 stables and herds inspected.	
253 tuberculous cattle destroyed (one half health value).....	\$5,041.68
15 glandered horses destroyed (dis- eased value).....	75.00
Services of veterinarians.....	1,660.56
Expenses of veterinarians.....	663.23
Services and expenses of appraisers and agents.....	679.20
Services and expenses of the board..	1,346.53
	<hr/>
	9,466.20
Unexpended balance.....	\$5,533.80

## FINANCIAL STATEMENT.

September 1, 1911, to September 1, 1912.

Appropriation .....	\$15,000.00
402 stables and herds inspected.	
322 tuberculous cattle destroyed (one half health value).....	\$6,533.47
9 glandered horses destroyed (dis- eased value).....	45.00
79 New Hampshire cattle destroyed in Massachusetts.....	1,658.11
Services of veterinarians.....	1,690.65
Expenses of veterinarians.....	1,047.06
Services and expense of appraisers and agents.....	688.65
Services and expenses of the board..	1,261.45
	<hr/>
	12,924.39
Unexpended balance.....	\$2,075.61

ADMISSION OF CATTLE TO THE STATE OF  
NEW HAMPSHIRE.

During the period covered by this report permits based upon physical examination were issued to admit cattle to the state for pasturing purposes, the same to be returned to their respective states at the close of the pasturing season unless tested with tuberculin and the report of results forwarded to the State Board of Cattle Commissioners, when a permit would be given to allow them to remain in the state, if the test showed them to be free from tuberculosis.

These permits cover several thousand head of cattle. In addition thereto, many permits have been issued admitting cattle to the state to remain permanently, such permits having been based in all cases upon the tuberculin test.

In no instance are cattle now admitted to the state of New Hampshire (except for pasturage, or for exhibition purpose) until they have passed the tuberculin test at the hands of a competent veterinary surgeon. This regulation seems to be necessary for the protection of the purchaser, as well as the state, inasmuch as the laws and regulations of some of the adjacent states are so strict as not to admit of the return of animals in case they should not pass the tuberculin test in this state. Therefore, the board has felt obliged to enforce this regulation to the letter.

## CONCLUSION.

The work during the period covered by this report has been conducted along the lines followed in previous years with the addition of greater effort in the matter of disinfection of premises where diseased animals were destroyed. In all such instances the veterinarians have left with owner or manager of such stables written instruction as to what steps to take to prevent the reappearance of the disease and a signed statement by the owner or manager that such instruction had been carried out has been made a condition of payment for animals destroyed. We are still of the

opinion, as expressed in previous reports and acted upon as far as possible, that preventive measures regarding light and ventilation of stables are most effective and far-reaching in dealing with this matter. It is necessary as the foundation of suppressing tuberculosis in cattle to remove diseased animals, but this alone will not fully accomplish the purpose of the action taken. Abundant light and good ventilation in stables must follow the removal of diseased animals and disinfection if permanent results are to be obtained. Acting upon this principle, a vigorous effort has been made to secure its adoption, and we hope with tangible and permanent effect.

Respectfully submitted,  
IRVING A. WATSON,  
N. J. BACHELDER,  
RICHARD PATTEE,  
*Board of Cattle Commissioners.*

NEW HAMPSHIRE STATE GRANGE.



POMONA AND SUBORDINATE GRANGES.



## NEW HAMPSHIRE STATE GRANGE.

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### OFFICERS.

Master, RICHARD PATTEE, Plymouth.  
Overseer, WESLEY ADAMS, Derry.  
Lecturer, ANDREW L. FELKER, Meredith Center.  
Steward, WALTER H. TRIPP, Short Falls.  
Assistant Steward, M. O. SPAULDING, Keene.  
Chaplain, HORACE F. HOYT, Etna.  
Treasurer, JOSEPH D. ROBERTS, Dover.  
Secretary, GEORGE R. DRAKE, Manchester.  
Gate Keeper, HENRY M. BEARD, Grasmere.  
Ceres, MRS. ESTHER E. PATTEE, Plymouth.  
Pomona, MRS. EVY C. COTTON, Starrking.  
Flora, MRS. LILLIAN S. NEWELL, Contoocook.  
Lady Assistant Steward, MRS. NELLIE G. LAKE, Brentwood.

### EXECUTIVE COMMITTEE.

Chairman, RICHARD PATTEE, *ex-officio*.  
Secretary, GEORGE R. DRAKE, *ex-officio*.  
A. J. RICHARDSON, Littleton.  
CHARLES W. BARKER, Exeter.  
CURTIS B. CHILDS, Henniker.

### GENERAL AND POMONA DEPUTY FOR THE STATE.

ORVILLE P. SMITH, Ashland.

### DISTRICT DEPUTIES.

No. 1. Hiram A. Schoff, P. O. Canaan, Vt.  
No. 2. Orrin E. Wentworth, Lancaster.



- No. 3. Frank P. Cheney, Littleton.
- No. 4. John E. Eastman, North Haverhill.
- No. 5. Charles H. Brown, Wentworth.
- No. 6. Freeman G. Smith, Meredith.
- No. 7. Harry M. Chandler, North Chatham.
- No. 1. Charles G. Wiggin, Moultonville.
- No. 9. Herbert M. Thyng, New Hampton.
- No. 10. Harvey A. Jewett, Laconia.
- No. 11. Fred A. Rogers, Meriden.
- No. 12. Fred B. Gay, New London.
- No. 13. Ernest W. Bickford, Rochester.
- No. 14. Charles A. Tebbets, Rochester.
- No. 15. James C. Farmer, South Newbury.
- No. 16. George L. Flanders, Warner.
- No. 17. Harry N. Blake, Hooksett.
- No. 18. Bert D. Paige, Grasmere.
- No. 19. Wilbur H. White, Raymond.
- No. 20. David Lumsden, Durham.
- No. 21. Charles I. Pressey, Atkinson.
- No. 22. Harry W. Spaulding, Manchester.
- No. 23. Cummings B. McClure, Munsonville.
- No. 24. Albert M. French, Gilsum.
- No. 25. Amos O. Harrington, Peterborough.
- No. 26. Frank H. Corning, Reed's Ferry.
- No. 27. Arthur S. Andrews, Hudson.

## POMONA GRANGES.

No.	NAME, LOCATION, TIME AND BY WHOM ORGANIZED.	No. of Mem- bers.	OFFICERS.
16	Ammonoosuc Valley, Lisbon..... July 1, 1897—Bachelder.	330	{ Harvey D. Corey, Master. Mrs. Lucy H. Dexter, Lecturer. Mrs. Jennie C. Franklin, Sec.
15	Androscoggin Valley, West Milan May 26, 1896—Bachelder.	170	{ Paul R. Cole, Master. Edna L. Astle, Lecturer. Mrs. Una M. S. Cole, Secretary.
4	Belknap County, Laconia..... November 10, 1887—Bachelder.	604	{ Joseph F. Smith, Master. Mrs. Lizzie A. James, Lecturer. Mrs. Eva M. Brown, Secretary.
8	Carroll County, Ossipee..... May 8, 1891—Towle.	470	{ Mrs. Georgia P. Blake, Master. Mrs. Minnie W. Young, Lect. Mrs. Flora B. Haley, Secretary.
6	Cheshire County, Keene..... April 25, 1888—McDaniel.	588	{ Cummings B. McClure, Master. Mrs. Grace E. Tiffin, Lecturer. J. P. Wellman, Secretary.
2	Eastern N. H., Rochester..... November 19, 1884—Hutchinson.	755	{ Charles W. Varney, Master. Edith Ball Sampson, Lecturer. Mrs. Carrie E. Varney, Sec.
11	East Rockingham, Exeter..... September 22, 1892—Bachelder.	675	{ Omer S. Rowe, Master. Mrs. Mary H. Miffin, Lecturer. Annie M. Perkins, Secretary.
19.	Gov. Bachelder, Raymond..... December 12, 1903—Bachelder.	200	{ Chester E. Maynard, Master. C. Waldo Phillips, Lecturer. Wm. H. Mould, Secretary.
13	Grafton County, Rumney..... February 14, 1894—Bachelder.	299	{ Jesse R. Squires, Master. Mrs. Mabel H. Tewksbury, Lect. Mrs. Susie C. Atwood, Secretary.
1	Hillsborough County, Milford.... April 17, 1883—Wason.	670	{ Arthur S. Andrews, Master. Clarence L. Trow, Lecturer. Mrs. Mary A. Gove, Secretary.
17	Lake and Valley, Bristol..... May 14, 1901—Drake.	266	{ Herbert M. Thyng, Master. Mrs. Florence Worthen, Lect. Mary A. Rogers, Secretary.
7	Mascoma Valley, Lebanon..... January 4, 1890—McDaniel.	461	{ Willis G. Dresser, Master. Mrs. Grace F. Gordon, Lecturer. Fred Jones, Secretary.
3	Merrimack County, Concord..... February 9, 1886—Stinson.	571	{ Alvin J. Eaton, Master. D. Waldo White, Lecturer. Mrs. Esther A. Phillips, Sec.
5	Northern N. H., Littleton..... January 24, 1888—McDaniel	313	{ Edgar L. Aldrich, Master. Mrs. Flora J. Miles, Lecturer. Mrs. Evy C. Cotton, Secretary.
18	Pemigewasset Valley, Plymouth. March 13, 1903—Hoyt.	326	{ Stephen Abern, Master. Mrs. Anna Lougee, Lecturer. Fred W. George, Secretary.
9	Sullivan County, Newport..... December 4, 1891—McDaniel.	389	{ Sumner N. Ball, Master. Mrs. Carrie Ball, Lecturer. Mrs. M. Josephine Morgan, Sec.
12	Suncook Valley, Pembroke..... October 11, 1892—Bachelder.	126	{ Clifton P. Sanborn, Master. Mrs. Margaret S. Dunham, Lect. Mrs. Annie M. Fowler, Sec.

No.	NAME, LOCATION, TIME AND BY WHOM ORGANIZED.	No. of Mem- bers.	OFFICERS.
20	Union, Manchester..... May 4, 1909—G. P. Hadley.	415	{ Carrol W. Farr, Master. Curtis B. Childs, Lecturer. Mrs. Hester J. Sanford, Sec.
14	Upper Coös, Colebrook..... November 26, 1895—Bachelder.	219	{ Hiram A. Schoff, Master. Elbridge G. Arlin, Lecturer. George H. Carr, Secretary.
10	West Rockingham, Sandown..... September 21, 1892—Bachelder.	374	{ Mrs. Emma C. Lane, Master. Mrs. Susie A. Goodrich, Lect. J. M. Goodrich, Secretary.

## SUBORDINATE GRANGES.

No.	NAME, LOCATION, TIME AND BY WHOM ORGANIZED.	No. of Mem- bers.	OFFICERS AND THEIR OFFICE.
20	Advance, Wilton..... February 20, 1874—Shaw.	136	{ Mrs. Mary A. Rideout, Master. Mrs. Evelyn G. Purdy, Lecturer. Mrs. Mary S. Flint, Secretary.
55	Ammonoosuc, Swiftwater..... April 21, 1875—Keyes	57	{ Merrill Tewksbury, Master. Mrs. Maria Burnham, Lecturer. Mrs. Lucy Burnham, Secretary.
3	Amoskeag, Manchester..... August 26, 1873—Thompson.	409	{ Anson G. Osgood, Master. George Waldo Brown, Lecturer. Mrs. Idella J. Ferguson, Sec.
228	Androscoggin, Milan..... June 17, 1895—White.	148	{ S. M. Yates, Master. Mrs. Cora E. Morse, Lecturer. Arthur V. Hebbard, Secretary.
98	Antrim, Antrim..... December 11, 1883—Wason.	94	{ Elmer W. Merrill, Master. H. Burr Eldridge, Lecturer. Linda E. Hutchinson, Secretary.
139	Arlington, Winchester..... January 29, 1889—White.	152	{ Florence Scott, Master. Mrs. Mabel Buchanan, Lecturer. Mrs. Cora B. Sawyer, Secretarr.
129	Ashuelot, Gilsum..... February 17, 1888—Hutchinson.	115	{ Albert M. French, Master. Mrs. Ella M. Reed, Lecturer. Wm. Woods, Secretary.
143	Atkinson, Atkinson..... November 29, 1889—Bachelder.	220	{ Chas. I. Pressey, Master. Alice F. Gilbert, Lecturer. J. M. Goodrich, Secretary.
235	Aurora, Pittsburg..... December 12, 1905—White.	88	{ Henry Johnson, Master. Willie W. Judd, Lecturer. Mrs. Hattie Johnson, Secretary.
290	Baker's River, West Rumney.... November 10, 1900—Drake.	123	{ Leon N. Bryar, Master. Mrs. Lettie Colburn, Lecturer. Mrs. Clara L. Hall, Secretary.
265	Banner, East Rochester..... December 15, 1907—Wentworth.	51	{ Mrs. Annie Hickey, Master. James Hickey, Lecturer. Mrs. Orianna Clow, Secretary.
119	Barnstead, Centre Barnstead..... February 24, 1887—Hutchinson.	33	{ Mrs. Hannah Otterson, Master. Mrs. Myra A. George, Lecturer. Chas. F. Jenkins, Secretary.
104	Bartlett, Salisbury..... November 22, 1884—Pattee.	75	{ Julius K. Trask, Master. Mrs. Lizzie B. Sawyer, Lecturer. Chas. A. Green, Secretary.
301	Batchelder, South Manchester.... March 4, 1903—Drake.	103	{ Joseph Dunn, Master. Mrs. Marion Cook, Lecturer. Harry E. Tibbetts, Secretary.
295	Bay, Sanbornton..... March 25, 1902—Hoyt.	31	{ George A. Leavitt, Master. George E. Davis, Lacturer. Guy Leavitt, Secretary.
39	Bear Hill, Henniker..... September 29, 1874—Shaw.	181	{ G. D. Chadwick, Master. Mrs. Maude M. Burnham, Lect. Mrs. Maude M. Tucker, Sec.

No.	NAME, LOCATION, TIME AND BY WHOM ORGANIZED.	No. of Mem- bers.	OFFICERS AND THEIR OFFICE.
283	Beaver, Springfield..... September 23, 1899—Gay.	103	{ George D. Philbrick, Master. Mrs. Addie A. Felch, Lecturer. Mrs. Ada W. Philbrick, Sec.
207	Bennington, Bennington..... January 8, 1894—White.	74	{ Charles F. Burnham, Master. Mrs. Nellie Cheney, Lecturer. Mrs. Martha E. Knight, Sec.
319	Benton, Benton..... November 16, 1911—Adams.	15	{ Wm. W. Eastman, Master. Mrs. Grace M. Tyler, Lecturer. Mrs. Charlena C. Fifield, Sec.
203	Bethlehem, Bethlehem..... March 20, 1893—White.	70	{ John W. Hoyt, Master. Mrs. Mary Derby, Lecturer. Ida M. Dexter, Secretary.
152	Blackwater, Andover..... May 22, 1890—McDaniel.	57	{ Solomon Dodge, Jr., Master. Mrs. Agnes M. Sawtell, Lect. Mrs. Evangeline G. Morton, Sec.
71	Blazing Star, Danbury..... December 9, 1875—Boyden.	109	{ Mrs. Georgia Ford, Master. Eva L. Perkins, Lecturer. Mrs. Jennie Ford, Secretary.
234	Blow-Me-Down, Plainfield..... December 11, 1895—Fitch.	76	{ A. W. Burr, Master. Mrs. Cynthia A. Hadley, Lect. D. F. Ruggles, Secretary.
232	Blue Mountain, Grantham..... November 22, 1895—Fitch.	47	{ James M. Howe, Master. Bernice M. Howe, Lecturer. Mrs. Flora M. Kimball, Sec.
189	Bow, Bow..... September 29, 1892—Bachelder.	238	{ D. Waldo White, Master. Mrs. Augusta Morgan, Lecturer. Mrs. Grace Cote, Secretary.
80	Bow Lake, Strafford..... February 17, 1876—Smith.	55	{ John W. Cater, Master. Daniel S. Woodman, Lecturer. Mrs. May C. Hill, Secretary.
58	Bradford, Bradford..... May 22, 1885—Clark.	103	{ Louis J. Keyser, Master. Leon M. Morse, Lecturer. Mrs. Sara R. Hadley, Secretary.
211	Brookline, Brookline..... March 14, 1894—Hutchinson.	85	{ Edward R. Pierce, Master. Mrs. Clara E. Russell, Lecturer. Mrs. Hattie F. Pierce, Secretary.
93	Campton, Campton..... April 16, 1878—Mann.	76	{ Mrs. Anna Lougee, Master. Maud L. Pulsifer, Lecturer. Lucy E. Cook, Secretary.
167	Candia, Candia..... January 8, 1892—Bachelder.	147	{ John H. Foster, Master. Howard Smith, Master. Roger C. Brown, Secretary.
254	Cape Horn, Northumberland..... April 23, 1897—White.	111	{ Earl E. Stevens, Master. Dora Hardy, Lecturer. Richard Beattie, Secretary.
113	Capital, Concord..... January 30, 1886—Stinson.	454	{ Charles H. Osgood, Master. George W. Parker, Lecturer. Mrs. Carrie D. Sargent, Sec.
267	Cardigan, Alexandria..... January 19, 1898—White.	68	{ Mrs. Eva L. Phillips, Master. Harriett Wheel, Lecturer. Mrs. Clara A. Bullock, Sec.
160	Carroll, Ossipee..... February 6, 1891—Bachelder.	45	{ Mrs. Minnie M. Young, Master. C. F. Hill, Lecturer. J. E. Hodgdon, Secretary.
97	Catamount, Pittsfield..... December 3, 1883—Stinson.	156	{ Alfred P. Eastman, Master. Mrs. B. L. M. Nichols, Lecturer. Louis A. French, Secretary.
185	Centennial, Barrington..... May 16, 1892—Wentworth.	53	{ Edith L. Locke, Master. Mrs. Linna M. B. Locke, Lect. Mrs. Hattie B. Locke, Secretary.

No.	NAME, LOCATION, TIME AND BY WHOM ORGANIZED.	No. of Mem- bers.	OFFICERS AND THEIR OFFICE.
204	Charlestown, Charlestown..... November 9, 1893—White.	55	{ Sabin E. Fiske, Master. Wallace H. Whitcomb, Lecturer. Mrs. W. S. Morrill, Secretary.
201	Cherry Mountain, Carroll..... March 8, 1893—White.	84	{ Mrs. Bertha Leavitt, Master. Mrs. Flora J. Miles, Lecturer. Mrs. Luzina B. Hall, Secretary.
131	Cheshire, Keene..... March 29, 1888—White.	398	{ Henry F. Barrett, Master. Rhoda Lyman, Lecturer. Mrs. Grace E. Tiffin, Secretary.
169	Chester, Chester..... February 5, 1892—White.	173	{ Leon G. Simonds, Master. Lena M. Morse, Lecturer. George S. West, Secretary.
132	Chichester, Chichester..... April 16, 1888—Drake.	99	{ Mrs. Alice Sanborn, Master. Mrs. Annie Kempton, Lecturer. Hazen M. Leavitt, Secretary.
165	Chocorua, Tamworth..... November 30, 1891—Towle.	78	{ Howard F. Page, Master. Mrs. Fannie Silvan, Lecturer. Mrs. Cordelia Johnson, Sec.
9	Claremont, Claremont..... November 18, 1873—Thompson.	313	{ Mrs. Fannie B. White, Master. Mrs. Jennie M. Gould, Lecturer. Mrs. Anna L. Roberts, Sec.
81	Cocheco, Dover..... February 26, 1876—Smith.	88	{ Wm. H. Knox, Master. Mrs. Blanche W. Varney, Lect. Ernest B. Folsom, Secretary.
19	Cold River, Acworth..... February 13, 1874—Clogston.	42	{ Algene A. Fisk, Master. Mrs. Josephine B. Pitkin, Lect. Almon E. Clark, Secretary.
223	Colebrook, Colebrook..... February 1, 1895—White.	146	{ Everett Wiswell, Master. H. A. Brown, Lecturer. Mrs. Emma Chatman, Secretary.
224	Columbia, Columbia..... February 2, 1895—White.	56	{ Fred S. Prince, Master. Mary J. Annis, Lecturer. Charles E. Martin, Secretary.
216	Contoocook, Contoocook..... December 6, 1894—Bachelder.	152	{ Thomas E. Davis, Master. Mrs. Idella A. Thompson, Lect. Lida N. Fiske, Secretary.
256	Coös, North Stratford..... April 22, 1897—White.	82	{ T. W. Watkins, Master. Flora B. Hapgood, Lecturer. Ethelyn Pattee, Secretary.
25	Cornish, Cornish..... March 26, 1874—Chase.	83	{ Charles S. Lear, Master. John P. Small, Lecturer. Gratia S. Chadbourne, Secretary.
164	Crescent Lake, North Barnstead. October 22, 1891—McDaniel.	85	{ Mrs. Josie M. Foss, Master. Mrs. Jennie M. Curtis, Lecturer. Philip R. Berry, Secretary.
65	Crown Point, Strafford Corner... October 11, 1875—Shaw.	121	{ Ellsworth H. Berry, Master. E. Roscoe Evans, Lecturer. Katherine I. Tebbets, Secretary.
101	Crystal Lake, Gilmanton I. W... September 5, 1884—Stinson.	113	{ John W. Proctor, Master. Mrs. Aura E. Price, Lecturer. Mrs. Bertha M. Chase, Sec.
100	Daniel Webster, Webster..... February 20, 1884—Stinson.	49	{ George S. Scribner, Master. Mrs. Josephine Thompson, Lect. Mrs. Annie L. Billings, Sec.
187	Danville, Danville..... June 30, 1892—Hutchinson.	56	{ Willis C. Tuck, Master. Mrs. Etta Winslow, Lecturer. Mrs. Helen C. Anderson, Sec.
74	Deerfield, Deerfield..... December 30, 1875—Shaw.	128	{ Grover Moulton, Master. W. E. Chamberlain, Lecturer. Mrs. Mary A. Clark, Secretary.



No.	NAME, LOCATION, TIME AND BY WHOM ORGANIZED.	No. of Mem- bers.	OFFICERS AND THEIR OFFICE.
282	Derry, Derry..... September 5, 1899—White.	113	{ Susie D. Cluff, Master. Frances M. Patten, Lecturer. Ralph H. Angell, Secretary.
286	Derryfield, East Manchester..... October 27, 1899—White.	220	{ Mrs. Addie W. Newman, Master. Mrs. Fannie S. Carr, Lecturer. Mrs. Agnes McKelvie, Sec.
280	Dorchester, Dorchester..... August 22, 1899—White.	52	{ Harvey A. Wheel, Master. Mrs. Lydia M. Schoolcraft, Lect. Azro H. Schoolcraft, Secretary.
225	Dover, Dover..... April 24, 1895—Wentworth.	202	{ Ralph H. Bunker, Master. Annie A. Varney, Lecturer. Mrs. Emma N. Steuerwald, Sec.
294	Eagle, Chatham..... March 20, 1902—Drake.	76	{ R. F. Chandler, Master. Lucretia P. Chandler, Lecturer. Susie W. Charles, Secretary.
302	East Candia, East Candia..... March 12, 1903—Hoyt.	73	{ Mrs. Lilla I. Dearborn, Master. Estella V. Goodwin, Lecturer. Mrs. Ada J. Goodwin, Secretary.
311	Eclipse, Newton..... December 7, 1909—Stevens.	110	{ Wm. Trudeau, Master. Esther Wilder, Lecturer. Beth Boswell, Secretary.
227	Eden, West Milan..... May 14, 1895—White.	88	{ John B. Nay, Master. Mrs. Virginia Hagar, Lecturer. Mrs. Lillian B. Cole, Secretary.
313	Effingham, Effingham..... September 11, 1911—Adams.	31	{ E. Forrest Leavitt, Master. Mrs. Grace T. Potter, Lecturer. Mrs. Andretta Stevens, Sec.
314	Elmwood, Conway..... September 19, 1911—Adams.	34	{ Frank Broughton, Master. Mrs. Edith Benson, Lecturer. Katherine A. Potter, Secretary.
281	Enterprise, Salem Depot..... September 4, 1899—White.	140	{ Burton E. Davis, Master. Mrs. Mary A. Dunbar, Lecturer. Marian H. Gale, Secretary.
69	Eureka, Grafton..... October 27, 1875—Boyden.	155	{ Henry J. Smith, Master. Mrs. Alma A. Davis, Lecturer. Henry M. Valia, Secretary.
136	Excelsior, Marlow..... December 11, 1888—White.	79	{ George J. Buckley, Master. Mrs. Ella E. Abbott, Lecturer. Mrs. Ellen A. Huntly, Secretary.
94	Ezekiel Webster, Boscawen..... March 23, 1883—Stinson.	101	{ Levi P. Fisher, Master. Mrs. Myrtie Fisher, Lecturer. Mrs. Eliza J. Bent, Secretary.
300	Fidelity, South Hampton..... February 12, 1903—Drake.	67	{ Thomas P. Currier, Master. Mrs. Sarah E. Towle, Lecturer. Mary N. Currier, Secretary.
154	Fitzwilliam, Fitzwilliam..... June 26, 1890—White.	99	{ Charles P. Bosworth, Master. Lucy B. Plante, Lecturer. Mrs. Alice M. Blodgett, Sec.
108	Franklin, Franklin..... December 19, 1885—Bachelder.	80	{ Fred Buttrick, Master. Mrs. Etta Hinds, Lecturer. A. H. Manuel, Secretary.
140	Freedom, Freedom..... March 8, 1889—Bachelder.	38	{ Stephen W. Fowler, Master. Mrs. Alice M. Chase, Lecturer. Eva M. Young, Secretary.
180	Fremont, Fremont..... March 21, 1892—White.	94	{ C. Burton French, Master. Mrs. Emma M. Cook, Lecturer. Mrs. Ella J. Towle, Secretary.
110	Friendship, Northfield..... December 26, 1885—Bachelder.	110	{ Wm. C. Hill, Master. Mrs. Addie L. Crowe, Lecturer. Mrs. Mabel W. Hill, Secretary.

No.	NAME, LOCATION, TIME AND BY WHOM ORGANIZED.	No. of Mem- bers.	OFFICERS AND THEIR OFFICE.
226	Frontier, West Stewartstown..... May 11, 1895—White.	97	{ Mrs. Clara Harvey, Master. Mrs. R. E. Marsh, Lecturer. Mrs. Clara Straw, Secretary. J. T. Smith, Master.
106	Fruitdale, Mason..... March 2, 1885—Stinson.	132	{ Mrs. Lizzie G. Smith, Lecturer. Mrs. Nellie F. Amsden, Sec. Albert E. Hutchins, Master.
206	Garnet Hill, Centre Harbor..... December 8, 1893—Towle.	64	{ Mrs. Alice Perkins, Lecturer. Mrs. Julia W. Hutchins, Sec. Loren E. Charles, Master.
277	General Stark, West Manchester April 26, 1899—White.	137	{ Mrs. Chas. A. Trefethen, Lect. Mrs. Alice M. Tufts, Secretary. Charles W. Barker, Master.
1	Gilman, Exeter..... August 19, 1873—Thompson.	215	{ Mrs. Mary L. Field, Lecturer. Mrs. Winifred L. Perkins, Sec. Willis B. Hodge, Master.
279	Glen, Bartlett..... June 14, 1899—White.	75	{ Mrs. Dora Walker, Lecturer. Grace Stillings, Secretary.
73	Golden, Lisbon..... December 30, 1875—Boyden.	143	{ Mrs. Annie Atwood, Master. Mrs. Mnnie Bronson, Lecturer. Mrs. Hattie Jesseman, Secretary.
114	Golden Rod, Swanzev..... March 15, 1886—Hutchinson.	68	{ Frank W. Stone, Master. Mrs. Winnifred Goodell, Lect. Ernest Whitcomb, Secretary.
275	Good Will, Seabrook..... March 21, 1899—Hoyt.	68	{ Ralph J. Staples, Master. Mrs. Emma Brown, Lecturer. Mrs. Leora C. Brown, Secretary.
60	Grafton Star, Hanover..... June 19, 1875—Boyden.	191	{ Albert W. Conner, Master. Mrs. Dora E. Gauthier, Lect. Mrs. Nettie J. Cassin, Secretary.
7	Granite, Milford..... October 24, 1873—Thompson.	271	{ Ernest C. Brooks, Master. Mrs. Minnie B. Boutelle, Lect. Fred C. Fitch, Secretary.
115	Granite Lake, Nelson..... August 26, 1886—Hutchinson.	52	{ Albertis W. Wilder, Master. Mrs. Laura E. Page, Lecturer. Mrs. Susie A. McClure, Sec.
149	Granite State, Newton..... March 13, 1890—Bachelder.	28	{ Clarence Nason, Master. Mrs. Etta Nason, Lecturer. Elmer A. Collins, Secretary.
138	Great Meadow, Westmoreland.... January 22, 1889—White.	93	{ Wm. S. Starkey, Master. Mrs. Millie E. Shelley, Lecturer. Mrs. Jennie L. B. Craig, Sec.
23	Greenfield, Greenfield..... March 14, 1874—Shaw.	66	{ Fred B. Atherton, Master. Persis A. Aiken, Lecturer. Mrs. Jennie M. Hopkins, Sec.
195	Greenland, Greenland..... December 16, 1892—White.	39	{ Wm. R. Weeks, Master. Charles F. Marden, Lecturer. Irving Roiston, Secretary.
278	Greenville, Greenville..... June 5, 1899—White.	66	{ Bertha M. Greene, Master. Lottie E. Coburn, Lecturer. Fred B. Kimball, Secretary.
255	Groveton, Groveton..... April 19, 1897—White.	92	{ Judson A. Potter, Master. Mrs. Ethel Forest, Lecturer. George D. Pike, Secretary.
287	Halestown, East Weare..... November 16, 1899—White.	81	{ J. Elmer Esterbrooks, Master. Mrs. Cora W. Cote, Lecturer. J. Charles Wetherbee, Secretary.
317	Halloween, Penacook..... October 31, 1911—Adams.	19	{ Arthur C. Sanborn, Master. Frank B. Cowen, Lecturer. Frederick E. Twitchell, Sec.

No.	NAME, LOCATION, TIME AND BY WHOM ORGANIZED.	No. of Mem- bers.	OFFICERS AND THEIR OFFICE.
163	Hampstead, Hampstead..... May 4, 1891—Bachelder.	146	{ Amos J. Williams, Master. Mrs. Emily Hutton, Lecturer. Mrs. Anna E. Emerson, Sec.
171	Hampton Falls, Hampton Falls.. February 16, 1892—White.	78	{ Arthur W. Chase, Master. Mrs. Alice Elkins, Lecturer. D. F. Batchelder, Secretary.
99	Harmony, Sanbornton..... December 11, 1883—Stinson.	71	{ Burt C. Abbott, Master. Clariss Hanson, Lecturer. Mrs. Eva S. Hanson, Secretary.
212	Haverhill, Haverhill..... March 28, 1894—White.	81	{ Jesse R. Squires, Master. Mrs. Bertha C. Wells, Lecturer. Mrs. Ida B. Williams, Secretary.
205	Henry Wilson, Farmington..... November 29, 1893—Wentworth.	130	{ Mrs. Sadie A. Currier, Master. Mrs. Cora McGibbon, Lecturer. Mrs. Edna McDuffee, Secretary.
88	Highland Lake, East Andover... December 14, 1876—F. L. Taylor.	94	{ John Wadleigh, Master. W. T. Sawyer, Lecturer. E. J. Flanders, Secretary.
274	Hillsborough, Hillsborough..... March 1, 1899—Hadley.	26	{ Mrs. Gertrude C. Carr, Master. Mrs. Kate M. Gardner, Lecturer. Mrs. Alice Huntley, Secretary.
174	Hillside, Eaton..... February 29, 1892—Towle.	36	{ Everett J. White, Master. Mrs. Susie E. Snow, Lecturer. Winfield S. Head, Secretary.
194	Hiram R. Roberts, Rollinsford... December 19, 1892—Wentworth.	138	{ Simeon B. Roberts, Master. Myra P. Emerson, Lecturer. Ruth M. Roberts, Secretary.
12	Hollis, Hollis..... December 15, 1873—Thompson.	170	{ Fred C. Willoby, Master. Mrs. Harriet S. Dudley, Lect. Mrs. Addie L. Hale, Secretary.
153	Honor Bright, East Sullivan..... May 20, 1890—White.	81	{ Herbert S. Currier, Master. Mrs. Della M. Hubbard, Lect. Mrs. Alice M. Rugg, Secretary.
148	Hooksett, Hooksett..... February 28, 1890—Bachelder.	199	{ Annie H. Colby, Master. Mrs. Belle C. Towne, Lecturer. Warren C. Saltmarsh, Secretary.
11	Hudson, Hudson..... December 8, 1873—Thompson.	326	{ Allen B. Andrews, Master. Mrs. Jennie C. Taylor, Lecturer. G. A. Hopkins, Secretary.
270	Independence, North Groton..... July 2, 1898—White.	17	{ Mrs. Abbie A. Wheat, Master. Mrs. Fred Kidder, Lecturer. Lena G. Kidder, Secretary.
72	Indian River, Canaan..... December 10, 1875—Boyden.	193	{ Bert R. Jones, Master. Josie L. Gilman, Lecturer. Mrs. Ola M. Wilson, Secretary.
135	Jaffrey, Jaffrey..... October 8, 1888—White.	104	{ Carl F. Garfield, Master. George H. Duncan, Lecturer. Mrs. Annie K. Sweatt, Sec.
161-	Jeremiah Smith, Lee..... February 20, 1891—Wentworth.	67	{ George A. Dudley, Master. Marion G. Dudley, Lecturer. Mrs. Hazel F. Dudley, Sec.
53	Joe English, New Boston..... March 5, 1875—Shaw.	77	{ Ellsworth, E. Proctor, Master. Almond J. Davis, Lecturer. Elsie G. Warren, Secretary.
33	John Hancock, Hancock..... July 2, 1874—Shaw.	110	{ Charles H. Dutton, Master. Ella C. Ware, Lecturer. Bertha A. Clark, Secretary.
150	Junior, Grasmere..... March 24, 1890—McDaniel.	148	{ Alfred W. Poore, Master. Mrs. Lizzie J. Greer, Lecturer. Bert D. Paige, Secretary.

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87	Kearsarge, Wilmot..... December 2, 1876—F. L. Taylor.	68	{ Charles Chadwick, Master. James B. Morey, Lecturer. Mrs. Luvia M. Carr, Secretary.
172	Keeneborough, Brentwood..... February 19, 1892—White.	99	{ Ralph E. Knight, Master. Lohn Lake, Lecturer. Mrs. Clara A. Abbott, Secretary.
173	Kensington, Kensington..... February 23, 1892—White.	104	{ Melvin Armstrong, Master. Lizzie E. Tuck, Lecturer. George A. Prescott, Secretary
120	Laconia, Laconia..... March 9, 1887—Hutchinson.	99	{ Herbert N. Sanborn, Master. Blanche M. Dodge, Lecturer. W. B. Smith, Secretary.
208	Lafayette, Franconia..... January 25, 1894—White.	115	{ A. E. Jesseman, Master. Mrs. Eva I. Callander, Lecturer. George E. Walker, Secretary.
221	Lake, Sunapee..... January 7, 1895—Graves.	149	{ Dura R. Putney, Master. Marcia R. Putney, Lecturer. Charles F. Morgan, Secretary.
128	Lake Shore, Wolfeborough..... February 8, 1888—Bachelder.	168	{ Sewall W. Abbott, Master. Benj. F. Burleigh, Lecturer. Mrs. Clara F. Burleigh, Sec.
240	Lamprey River, Newmarket..... February 26, 1896—Wentworth.	75	{ Fred B. Philbrick, Master. Mrs. Adaline Brady, Lecturer. Rena E. Young, Secretary.
48	Lancaster, Lancaster..... February 12, 1875—Richardson.	113	{ C. W. Knight, Master. Mrs. Ella J. Hartford, Lecturer. W. R. Stockwell, Secretary.
117	Lawrence, Belmont..... February 1, 1887—Bachelder.	162	{ Luke Rickert, Master. Ruby E. Lyford, Lecturer. Mrs. M. Jennie Small, Secretary.
126	Lebanon, Lebanon..... January 9, 1888—McDaniel.	281	{ Harry S. Townsend, Master. Mrs. Grace F. Gordon, Lecturer. Fred E. Buck, Secretary.
193	Lewis W. Nute, Milton..... December 16, 1892—Wentworth.	74	{ Leroy Ford, Master. E. Mildred Tanner, Lecturer. Charles H. Cole, Secretary.
307	Liberty, Plaistow..... June 4, 1908—Stevens.	82	{ Wm. P. Warner, Master. Mrs. Stephen Seaver, Lecturer. Mary E. Towle, Secretary.
159	Lincoln, West Swanzey..... December 30, 1890—Rockwood.	59	{ Charles H. Mason, Master. Mrs. Florence Emery, Lecturer. Martin Mason, Secretary.
44	Londonderry, Londonderry..... January 18, 1875—DeRochment.	168	{ Eugene P. Peabody, Master. Emma E. Fling, Lecturer. Wm. H. Crowell, Secretary.
273	Loudon Center, Loudon Center.. February 25, 1899—Bachelder.	49	{ Forest B. Kenney, Master. Mrs. Alice L. Lane, Lecturer. Charles T. Lane, Secretary.
121	Loudon Surprise, Loudon..... March 9, 1887—Bachelder.	71	{ Benj. J. Prescott, Master. Mrs. J. E. Ross, Lecturer. Mrs. G. W. Rowell, Secretary.
5	Lovell, Washington..... October 4, 1873—Thompson.	41	{ Perley M. Crane, Master. Mrs. Carrie Ball, Lecturer. Albert T. Wright, Secretary
178	Lovell Union, Wakefield..... February 11, 1892—Towle.	92	{ J. Garfield Evans, Master. Mrs. Annie H. Paul, Lecturer. Mrs. Rosa Robinson, Secretary.
237	Lyman, Lyman..... January 17, 1896—White.	73	{ W. H. Stephens, Master. Mrs. Nellie Carter, Lecturer. Wilmer Langway, Secretary.

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118	Marlboro, Marlboro..... February 16, 1887—Hutchinson.	153	{ Orrin E. Whitney, Master. Merrill Mason, Lecturer. Mrs. Mary E. Whitney, Sec.
134	Marshall P. Wilder, East Rindge September 25, 1888—White.	50	{ Mrs. Emma F. Barrett, Master. Mrs. Anna M. Hale, Lecturer. Mrs. Elizabeth M. Todd, Sec.
68	Mascoma, West Canaan..... October 26, 1875—Boyden.	135	{ Fred G. Richardson, Master. Addie Briggs, Lecturer. H. L. Webster, Secretary.
127	Massabesic, Auburn..... January 10, 1888—Bacheider.	69	{ Thomas S. Emery, Master. Mrs. Margaret A. Griffin, Lect. George P. Griffin, Secretary.
297	Mayflower, North Londonderry.. May 7, 1902—Drake.	77	{ Elmer F. Wheeler, Master. Mrs. Nellie McKean, Lecturer. Mrs. Evelyn M. Watts, Sec.
102	McClary, Epsom..... October 10, 1884—Drake.	173	{ Walter B. Wells, Master. Laura Young, Lecturer. Mrs. Annie M. Fowler, Sec.
151	Meriden, Meriden..... April 23, 1890—McDaniel.	87	{ Fred A. Rogers, Master. Mrs. Nellie M. Andrews, Lect. N. R. Andrews, Secretary.
4	Merrimack River, Canterbury.... September 15, 1873—Thompson.	41	{ Howard Chute, Master. Mrs. Ida Tallman, Lecturer. Mrs. Ida S. Chase, Secretary.
155	Merry Meeting, Alton..... October 23, 1890—Hunt.	136	{ H. Stephen Gilman, Master. Mrs. Emma L. Adams, Lecturer. John H. McDuffee, Secretary.
34	Miller, Temple..... August 29, 1874—Shaw.	61	{ Frank E. Cutter, Master. H. M. Eastman, Lecturer. D. C. Bragdon, Secretary.
192	M. L. Ware, West Rindge..... December 16, 1892—White.	86	{ Lawrence B. Hatch, Master. Cora E. Buzzell, Lecturer. Jennie M. Thomas, Secretary.
217	Mohawk, Colebrook..... December 7, 1894—White.	89	{ Eugene M. Cree, Master. Mrs. Nellie Keazer, Lecturer. S. A. Noyes, Secretary.
103	Monadnock, Dublin..... October 14, 1884—Stinson.	135	{ Edwin G. Kemp, Master. Mrs. Jennie N. Gowing, Lect. Wilfred M. Fiske, Secretary.
49	Monroe, Monroe..... February 18, 1875—Richardson.	46	{ George W. Lowrey, Master. Addie M. Carr, Lecturer. Vivian E. Lowrey, Secretary.
70	Mont Calm, Enfield..... December 7, 1875—Boyden.	120	{ Allen H. Jackman, Master. Mrs. Mary A. Fisher, Lecturer. Val. M. Clough, Secretary.
214	Moosilauke, East Haverhill..... May 22, 1894—White.	91	{ C. R. Cady, Master. Elmer Cutting, Lecturer. E. H. Smith, Secretary.
62	Morning Star, Lyme..... June 24, 1875—Boyden.	127	{ A. A. Turner, Master. Mrs. Kate Elliott, Lecturer. Mrs. Susan C. Elliott, Sec.
197	Moultonborough, Moultonborough January 23, 1893—Towle.	63	{ Fred W. Berry, Master. Pearl L. Richardson, Lecturer. Maude L. Tilton, Secretary.
215	Mountain Laurel, Northwood..... June 9, 1894—Wentworth.	76	{ Emery J. Holmes, Master. Harold A. Colcord, Lecturer. Alice L. Chesley, Secretary.
305	Mountain View, East Conway.... December 27, 1906—Drake.	47	{ Mary E. Woodward, Master. E. Louise Ballard, Lecturer. Thomas W. Hutchins, Secretary.



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246	Mount Duston, Wentworth's Loc. June 10, 1896—White.	44	L. H. Coy, Master. Zella Wilkins, Lecturer. Mrs. Marion W. Bennett, Sec.
218	Mount Gardner, Woodsville..... December 15, 1894—White.	25	W. W. Chamberlin, Master. H. G. Marston, Lecturer. Mrs. Jennie C. Franklin, Sec.
77	Mount Hope, Landaff..... January 31, 1876—Child.	83	Harry G. Titus, Master. Mrs. Victoria Sawyer, Lecturer. Carl A. Young, Secretary.
158	Mount Israel, Sandwich..... December 22, 1890—Bachelder.	103	A. B. Hoag, Master. Mrs. Addie Marston, Lecturer. Ella F. Weeks, Secretary.
242	Mount Prospect, Lancaster..... March 13, 1896—White.	158	Fred A. Wesson, Master. Mrs. S. Ellen Wesson, Lecturer. Mrs. Elva A. Nourse, Secretary.
116	Mount Washington, Whitefield... December 13, 1886—Hutchinson.	100	Edgar M. Bowker, Master. Mrs. Fred Smith, Lecturer. Mrs. Lillian B. Elliott, Sec.
52	Mt. Belknap, Gilford..... March 1, 1875—Shaw.	107	Mrs. Julia A. Gove, Master. Estella Heath, Lecturer. Merton S. Eaton, Secretary.
236	Mt. Cube, Orford..... Decembr 30, 1895—White.	68	Charles L. Cushman, Master. Mrs. Frances B. Morrison, Lect. Mrs. Minnie W. Cushman, Sec.
288	Mt. Livermore, Holderness..... November 18, 1899—Hoyt.	94	Arah A. Huckins, Master. Mrs. Mable L. Sanborn, Lect. Fred W. George, Secretary.
310	Mt. Major, West Alton..... May 12, 1909—Drake.	41	Charles A. Rollins, Master. Mrs. Rosa M. Sanders, Lecturer. Mrs. Lillie A. Rollins, Secretary.
145	Mt. Pistareen, Spofford..... December 11, 1899—White.	76	Wm. P. Hannum, Master. Mrs. Etta M. Tuttle, Lecturer. F. C. Hamilton, Secretary.
46	Narragansett, Bedford..... January 16, 1875—Shaw.	178	J. Henry Putnam, Master. Mrs. Marion C. Foshier, Lect. Mrs. Mary A. Gove, Secretary.
13	Nashua, Nashua..... December 16, 1873—Thompson.	293	Lester M. Hall, Master. Evangelyn M. Clark, Lecturer. Mrs. Mary F. Sprague, Sec.
241	Naumkeag, Litchfield..... March 17, 1896—Ryder.	78	Charles B. Campbell, Master. Lizzie M. Center, Lecturer. Mrs. Jennie F. Center, Sec.
262	New Durham, New Durham..... October 26, 1897—White.	72	Mrs. Edith Lambertson, Master. Mrs. Annie Willey, Lecturer. Geo. D. Lambertson, Secretary.
162	Newfound Lake, Bristol..... March 17, 1891—Hutchinson.	207	Alvah E. McMurphy, Master. Mrs. Mary Musche, Lecturer. Mrs. Emma McMurphy, Sec.
123	New Hampton, New Hampton.... April 22, 1887—Hutchinson.	113	Sam J. Clay, Master. Mrs. Helen J. Clay, Lecturer. Ruth M. Flanders, Secretary.
95	New London, New London..... October 25, 1883—Stinson.	148	George W. Philbrick, Master. Mrs. Florence R. Stanley, Lect. Walter E. Gay, Secretary.
250	North Hampton, North Hampton January 5, 1897—Towle.	123	Mrs. Ethel Shaw, Master. Mrs. Hattie Seavey, Lecturer. Percey E. Jewell, Secretary.
27	North Star, Stewartstown..... March 30, 1874—Shaw.	80	Irving D. Abbott, Master. Mrs. Lillian E. Gilbert, Lect. George H. Carr, Secretary.



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209	Northwood, Northwood Narrows. February 5, 1894—White	80	{ Orrin M. James, Master. Lulu S. Edmunds, Lecturer. Clara L. Emerson, Secretary.
316	Nute Ridge, West Milton..... October 13, 1911—Drake.	30	{ Edwin P. Tripp, Master. Mrs. Annie B. Gale, Lecturer. Samuel Gale, Secretary.
37	Nutfield, Derry..... September 23, 1874—DeRochment.	79	{ Lillian Offutt, Master. Mary A. Morse, Lecturer. Mrs. Lizzie F. Hill, Secretary.
32	Oak Hill, Franconstown..... June 16, 1874—Shaw.	84	{ Frank H. Robinson, Master. Marion H. Prescott, Lecturer. Mrs. Cora Wood Patch, Sec.
260	Ocean Side, Hampton..... October 2, 1897—White.	137	{ Edward J. Brown, Master. Lecturer. Merton M. James, Secretary.
79	Olive Branch, Hebron..... February 17, 1876—Shaw.	70	{ Mrs. Lola G. Cooledge, Master. Mrs. Carrie A. Jewell, Lecturer. Mary A. Rogers, Secretary.
296	Osceola, Campton Village..... March 26, 1902—Hoyt.	96	{ Lewis R. Morrison, Master. Orra E. Osgood, Lecturer. Mrs. Sarah F. Adams, Secretary.
175	Ossipee Lake, Ossipee..... February 26, 1892—Towle.	105	{ Charles G. Wiggin, Master. S. O. Huckins, Lecturer. Zaidee E. Hurn, Secretary.
130	Ossipee Mountain, Ossipee..... March 19, 1888—Bachelder.	67	{ Edward E. Ingalls, Master. Charles A. Wiggin, Lecturer. Mrs. Addie E. Ham, Secretary.
318	Parade, Barnstead..... November 6, 1911—Adams.	30	{ Edwin B. Drake, Master. Mrs. Alice W. Zecka, Lecturer. Everett H. Kelley, Secretary.
249	Park, Cornish Flat..... August 29, 1896—Fitch.	67	{ Charles H. Weld, Master. Mrs. Amy I. Davis, Lecturer. Mrs. Lucy C. Weld, Secretary.
299	Parker Mountain, Center Strafford February 11, 1903—Drake.	69	{ James Owen Libby, Master. A. E. Thomas, Lecturer. Mrs. Annie B. Foss, Secretary.
266	Pasquaney, Bridgewater..... January 13, 1898—White.	34	{ Charles H. Marston, Master. Marvin L. Lockwood, Lecturer. Mrs. Flora D. Snow, Secretary.
166	Patuccoway, Nottingham..... December 29, 1891—Towle.	46	{ Berley B. Bachelder, Master. Mrs. Alice Batchelder, Lecturer. Maria E. Kelsey, Secretary.
269	Peaked Hill, Gilmanton..... January 17, 1898—White.	67	{ Wm. S. P. Sanderson, Master. Mrs. Josephine O. Munsey, Lect. Mrs. Myra F. Lane, Secretary.
244	Pelham, Pelham..... April 14, 1896—Ryder.	192	{ Arthur H. Peabody, Master. Mrs. G. W. Sherburne, Lecturer. Mrs. Beatrice Chase, Secretary.
111	Pembroke, Pembroke..... December 31, 1885—Stinson.	200	{ Alonzo J. Bates, Master. Mrs. Lillian H. Stevens, Lect. Mrs. Margaret S. Dunham, Sec.
184	Penacook Park, West Concord... April 26, 1892—Bachelder.	181	{ Oliver C. Dimond, Master. Joseph E. Shepard, Lecturer. Mrs. Lillian R. Shepard, Sec.
146	Pequawket, North Conway..... December 23, 1889—Bachelder.	138	{ Arthur H. Furber, Master. Mrs. Janette M. Pendexter, Lect. Vesta E. Tibbetts, Secretary.
35	Peterborough, Peterborough..... September 5, 1874—Shaw.	180	{ Wm. M. Thomas, Master. Mrs. Leah S. Baldwin, Lecturer. Etta M. Smith, Secretary.

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219	Piermont, Piermont..... December 17, 1894—White.	115	{ Jay E. Chandler, Master. Mrs. John Leonard, Lecturer. Mrs. Addie C. Blair, Secretary.
291	Pike Station, Pike..... November 14, 1900—Baker.	73	{ Frank J. Aldrich, Master. Mrs. Elva J. Campbell, Lect. Margaret H. Brownlie, Sec.
229	Pilot, Stark..... June 19, 1895—White.	87	{ Wm. T. Pike, Master. Mrs. Lennie M. Cole, Lecturer. James E. Montgomery, Sec.
298	Pine Grove, Bath..... January 2, 1903—Hoyt.	94	{ Mary E. J. DeGross, Master. Mrs. Lura E. Reed, Lecturer. Henry S. Lang, Secretary.
210	Pink Granite, North Haverhill... February 12, 1894—White.	128	{ John E. Eastman, Master. Mrs. Luella Kimball, Lecturer. Mrs. Cora M. Eastman, Sec.
18	Pinnacle, Lyndeborough..... December 26, 1873—Shaw.	103	{ Algernon W. Putnam, Master. Mrs. Lucy A. Herrick, Lecturer. Frank O. Baxter, Secretary.
179	Piscassic, Newfields..... March 17, 1892—White.	55	{ Ernest S. Neal, Master. Lyman D. Bragg, Lecturer. Mrs. Lavinia J. Doe, Secretary.
176	Piscataqua, Newington..... March 4, 1892—Bachelder.	65	{ Simes Frink, Master. Mrs. Abbie R. Beane, Lecturer. Mrs. Edith G. Hoyt, Secretary.
272	Pleasant Valley, Milton Mills.... February 1, 1899—Hoyt.	90	{ Mrs. Lucia P. Fox, Master. Mrs. Annie Pinfold, Lecturer. C. A. L. Treadwell, Secretary.
239	Plymouth, Plymouth..... January 30, 1896—Baker.	165	{ Iza J. Smith, Master. Della Jeffers, Lecturer. F. W. Downing, Secretary.
257	Prentice Hill, East Alstead..... June 5, 1897—White.	71	{ Arthur E. Wilder, Master. Mrs. Lizzie K. Mayo, Lecturer. George A. Mayo, Secretary.
259	Profile, North Woodstock..... September 17, 1897—White.	61	{ Frank A. Fox, Master. Mrs. F. E. Wilkins, Lecturer. Mrs. Myrtle E. Putnam, Sec.
271	Progressive, Deerfield..... January 3, 1899—Hoyt.	90	{ Mrs. Grace R. Young, Master. Olive F. Jenness, Lecturer. Charles R. Brown, Secretary.
21	Prospect, Mont Vernon..... February 28, 1874—Shaw.	91	{ Edward G. Averill, Master. Mrs. Ida C. Blood, Lecturer. Albert J. Emery, Secretary.
268	Purling Beck, East Washington.. May 28, 1898—White.	55	{ M. E. Hixon, Master. Mrs. Kate L. Fletcher, Lect. C. W. J. Fletcher, Secretary.
312	Quincy, Quincy..... January 29, 9110—Mrs. Baker.	36	{ Elmer B. Wallace, Master. Mrs. Winnifrede W. Baker, Lect. Mrs. Ella F. Craig, Secretary.
213	Raymond, Raymond..... May 3, 1894—Hill.	166	{ George A. Pollard, Master. Mrs. Annie J. Hicks, Lecturer. Ivan B. Morrison, Secretary.
306	Reliance, North Salem..... November 19, 1907—Drake.	52	{ Mrs. Jennie I. King, Master. Mrs. Annie Sleeper, Lecturer. Mrs. Olive E. Reed, Secretary.
303	Reunion, Middleton..... February 1, 1906—Drake.	49	{ Charles E. Wentworth, Master. Mrs. Mattie A. Orne, Lecturer. Mrs. Olivette T. Leighton, Sec.
147	Richmond, Richmond..... January 16, 1890—White.	109	{ Harold I. Dickinson, Master. Mrs. Lucy Beal, Lecturer. Mrs. Nellie H. Prescott, Sec.

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293	Riverdale, Riverdale..... February 13, 1902—Drake.	74	{ George W. Strong, Master. Mrs. May Varney, Lecturer. Mrs. May F. Bixby, Secretary.
137	Riverside, Dalton..... December 31, 1888—Harriman.	82	{ Frank E. Brooks, Master. Mrs. Bertha Aldrich, Lecturer. Louise Aldrich, Secretary.
86	Rochester, Rochester..... May 30, 1876—Chase.	320	{ Sumner W. Watson, Master. Edwina C. Boles, Lecturer. Mrs. Sadie Seavey, Secretary.
183	Rockingham, Epping..... March 21, 1892—Towle.	114	{ James A. Leddy, Master. Mrs. Alice F. Brown, Lecturer. Mrs. Lora J. Cate, Secretary.
284	Rockland, George's Mills..... October 11, 1899—Gay.	83	{ U. Leroy George, Master. Mrs. Cynthia A. Whipple, Lect. Mildred Conner, Secretary.
109	Rumford, East Concord..... December 21, 1885—Stinson.	130	{ Wesley A. Swain, Master. Wesley O. Field, Lecturer. Frank P. Curtis, Secretary.
188	Rumney, Rumney..... September 19, 1892—Hutchinson.	137	{ John B. Foster, Master. Mrs. M. H. Thompson, Lecturer. Etta C. Pease, Secretary.
233	Rye, Rye..... December 6, 1895—Bachelder.	103	{ Arthur C. Walker, Master. Mrs. Ruth B. Drake, Lecturer. Mrs. Clara O. Walker, Secretary.
285	Saco Valley, Center Conway..... October 30, 1899—Hoyt.	41	{ L. C. Hill, Master. Mrs. A. M. D. Blouin, Lecturer. John F. Stott, Secretary.
168	Salem, Salem..... February 3, 1892—White.	135	{ Wm. A. Joy, Master. Alice M. Benjamin, Lecturer. Mrs. Florence Haigh, Secretary.
181	Sandown, Sandown..... March 24, 1892—White.	79	{ Bernard A. Love, Master. Mrs. Sarah M. Mills, Lecturer. Elwin C. Mills, Secretary.
122	Seammell, Durham..... March 16, 1887—Stanton.	124	{ David Lumsden, Master. Wm. H. Wolff, Lecturer. Harrie E. Rand, Secretary.
105	Silver Lake, Harrisville..... December 13, 1884—Hutchinson.	57	{ Bernard F. Bemis, Master. Mrs. Hattie L. Russell, Lect. Mrs. Bertha C. Bemis, Sec.
196	Silver Mountain, Lempster..... December 23, 1892—Graves.	102	{ Harold B. Nichols, Master. Ethel G. Pollard, Lecturer. Mrs. Susie B. Hurd, Secretary.
264	Somersworth, Somersworth..... November 24, 1897—Wentworth.	83	{ Earl T. Grant, Master. Emma Tibbetts, Lecturer. Nellie S. Merrick, Secretary.
10	Souhegan, Amherst..... December 5, 1873—Thompson.	225	{ Charles R. Parker, Master. Henry T. Converse, Lecturer. Mrs. Alice K. Peaslee, Secretary.
83	Spafford, West Chesterfield..... April 11, 1876—Shaw.	74	{ John D. Hutchins, Master. Sem L. Stowell, Lecturer. Ransom C. Farr, Secretary.
258	Squam Lake, Ashland..... September 14, 1897—White.	170	{ Melville C. Sanborn, Master. Mrs. Amelia A. Nichols, Lect. Mrs. Roxey J. Heath, Secretary.
42	Stark, Dunbarton..... October 30, 1874—Shaw.	97	{ David M. Hadley, Master. Ethel C. Stone, Lecturer. Walter C. Walker, Secretary.
124	Starr King, Jefferson..... October 11, 1887—Hutchinson.	83	{ George H. Nevers, Master. Veda M. Bodwell, Lecturer. Mrs. Evy C. Cotton, Secretary.

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238	Stratford, Stratford..... January 27, 1896—White.	67	{ John N. Connary, Master. Brenda E. Drew, Lecturer. L. R. Roberts, Secretary.
251	Strawberry Bank, Portsmouth... January 29, 1897—Towle.	213	{ Edward H. Adams, Master. Blanche Leavitt, Lecturer. Mrs. Belle C. Wright, Sec.
222	Sugar Hill, Sugar Hill..... January 19, 1895—White.	100	{ Mrs. Effie S. Bowles, Master. Agnes S. Jesseman, Lecturer. Mrs. May P. Bowles, Secretary.
190	Sugar River, North Charlestown. November 12, 1892—Graves.	52	{ Arthur M. Lane, Master. Mrs. Elizabeth Lane, Lecturer. Herman J. Lane, Secretary.
8	Sullivan, Newport..... November 7, 1873—Thompson.	145	{ Lester P. Emery, Master. Eula R. Dodge, Lecturer. Mrs. Emma A. Sholes, Sec.
112	Sunapee Lake, Newbury..... January 8, 1886—Stinson.	141	{ Edwin A. Blodgett, Master. Mrs. Marie L. Peaslee, Lecturer. John D. Peaslee, Secretary.
144	Sunapee Mountain, Goshen..... November 29, 1889—Cutts.	141	{ Charles A. Newton, Master. Mrs. Harriet M. Gove, Lecturer. Mrs. Lillian A. Jones, Secretary.
156	Surry, Surry..... November 11, 1890—Hutchinson.	39	{ Hiram F. Newell, Master. Mrs. Josephine Raaba, Lecturer. Hollis W. Harvey, Secretary.
91	Sutton, Sutton..... October 13, 1877—F. L. Taylor.	89	{ George C. Tilton, Master. Mrs. Cora Blodgett, Lecturer. Mrs. Linda M. Morgan, Sec.
248	The Weirs, The Weirs..... August 13, 1896—White.	72	{ J. C. Dow, Master. Mrs. Claire Wheeler, Lecturer. Mrs. Minnie M. Avery, Sec.
31	Thornton, Merrimack..... May 18, 1874—Shaw.	209	{ Josiah U. Henderson, Master. Mrs. Margurete Henderson, Lec. Minnie S. Corning, Secretary.
304	Tripeak, Hill..... November 8, 1906—Drake.	77	{ Frederick H. Gage, Master. Mrs. Edith M. Gage, Lecturer. A. H. Fowler, Secretary.
157	Trojan, Troy..... December 13, 1890—White.	95	{ L. Estella Farrer, Master. Mrs. Nettie Crown, Lecturer. Philo Applin, Secretary.
142	Tuftonborough, Tuftonborough.. November 15, 1889—Bachelder.	104	{ Andrew F. Doe, Master. Edwin B. Edgerly, Lecturer. Mrs. Mary F. Lamprey, Sec.
231	Umbagog, Errol..... November 8, 1905—White.	65	{ Edward E. Bennett, Master. Mrs. L. Etta Bragg, Lecturer. L. C. Bragg, Secretary.
40	Uncanoonuc, Goffstown..... October 29, 1874—Shaw.	174	{ Carl B. Pattee, Master. Reuben W. Carlton, Lecturer. Mrs. J. Annie Carlton, Sec.
230	Unity, Unity..... October 29, 1895—Bachelder.	109	{ Charles W. Reed, Master. Stella Johnson, Lecturer. Mrs. Carrie E. Reed, Secretary.
63	Valley, Hillsborough..... June 26, 1875—Shaw.	66	{ Alton C. Colby, Master. Doris Prichard, Lecturer. Mrs. Almira C. Watson, Sec.
125	Walpole, Walpole..... December 15, 1887—Hutchinson.	167	{ George L. Houghton, Master. Mrs. F. A. Metcalf, Lecturer. Denis G. Phelan, Secretary.
133	Wantastiquet, Hinsdale..... July 27, 1888—H. G. Smith.	110	{ Wolfred N. Pike, Master. Hannah V. Higginson, Lecturer. Inez Higgins, Secretary.

No.	NAME, LOCATION, TIME AND BY WHOM ORGANIZED.	No. of Mem- bers.	OFFICERS AND THEIR OFFICE.
90	Warner, Warner..... April 9, 1877—Shaw.	208	{ Percy H. Tift, Master. John R. Cogswell, Lecturer. Arthur M. Tucker, Secretary.
200	Warren, Warren..... February 11, 1893—White.	84	{ Mrs. Sarah Pease, Master. Lena Phair, Lecturer. Charles H. Arnold, Secretary.
47	Warren Pond, Alstead..... February 2, 1875—J. H. Clark.	71	{ George Holmes, Master. Mrs. Anna D. Washburn, Lect. Leon M. Trow, Secretary.
36	Watatic, New Ipswich..... September 11, 1874—Shaw.	79	{ Hollis P. Jaquith, Master. Isham E. Aldrich, Lecturer. Albro L. Balch, Secretary.
276	Weare, North Weare..... April 4, 1899—Hadley	136	{ Charles H. Leighton, Master. Ruth E. Clement, Lecturer. Mrs. A. Lou Breed, Secretary.
199	Wentworth, Wentworth..... February 10, 1893—White.	175	{ Neal D. Johnson, Master. Mrs. Ellen Foster, Lecturer. Charles H. Brown, Secretary.
253	West Thornton, Thornton..... April 8, 1897—White.	67	{ Jesse A. Kendall, Master. Mrs. Affie R. Merrill, Lecturer. Mrs. May Lyford, Secretary.
50	White Mountain, Littleton..... February 19, 1875—Richardson.	152	{ Raymond H. Williams, Master. Mrs. Fred H. Merrill, Lecturer. Albert L. Farr, Secretary.
292	Wicwas Lake, Meredith Center.. October 19, 1901—Hoyt.	78	{ Clarence E. Pickering, Master. Mrs. Stella S. Pollard, Lecturer. Mrs. Fannie Smith, Secretary.
309	Wilmot, Wilmot..... March 12, 1909—Hadley.	57	{ Tharon R. Tewksbury, Master. Mrs. Gertrude B. Odette, Lect. Vernon L. Fisher, Secretary.
182	Windham, Windham..... March 29, 1892—White.	38	{ Mrs. Joanna B. Nesmith, Master. Bessie Emerson, Lecturer. Edward A. Haskell, Secretary.
308	Wingold, East Kingston..... February 26, 1909—Stevens.	98	{ Archie L. Mackie, Master. Mrs. Grace S. Philbrick, Lect. Mrs. Lettie A. Morrill, Sec.
170	Winnicutt, Stratham..... February 13, 1892—White.	80	{ George C. Jewell, Master. Irving L. Godfrey, Lecturer. George L. Barker, Secretary.
51	Winnepesaukee, Meredith..... March 2, 1875—Shaw.	214	{ Freeman G. Smith, Master. Hollis L. Wiggins, Lecturer. Bernice A. Wilcox, Secretary.
198	Winnisquam, East Tilton..... February 6, 1893—Bachelder.	100	{ Harvey A. Jewett, Master. Mrs. Winnifred M. Norton, Lect. Fred A. Currier, Secretary.
315	Winthrop, Shelburne..... September 22, 1911—Adams.	31	{ Mark S. Rix, Master. Mrs. May Lary, Lecturer. Mrs. Ethel Cox, Secretary.
41	Wolf Hill, Deering..... October 29, 1874—Shaw.	59	{ Dennis R. Chase, Master. Mrs. Edith M. Goodall, Lecturer. Eva L. Dutton, Secretary.
54	Wyoming, South Weare..... March 23, 1875—Shaw.	73	{ Charles F. Eastman, Master. Mrs. Irene V. Murch, Lecturer. George H. Eastman, Secretary.

REPORT OF THE NEW HAMPSHIRE  
HORTICULTURAL SOCIETY.



## LETTER OF TRANSMITTAL.

---

*Hon. N. J. Bachelder, Secretary of the State Board of Agriculture, Concord, N. H.:*

DEAR SIR:—I have the honor to transmit to you herewith the report of the New Hampshire Horticultural Society, being the report of its seventeenth annual meeting and exhibition, held at Winchester, N. H., October 17, 18, 19, 1911.

Yours respectfully,

STANLEY K. LOVELL,

*Secretary.*

## OFFICERS AND MEMBERSHIP.

---

### OFFICERS FOR 1912.

*Honorary President*, C. C. SHAW, Milford.  
*President*, CHARLES W. BARKER, Exeter.  
*Vice-President*, JOHN T. HARVEY, Pittsfield.  
*Secretary pro tem*, STANLEY K. LOVELL, Goffstown.  
*Treasurer*, THOMAS E. HUNT, Meredith.

### EXECUTIVE COMMITTEE.

F. A. BADGER, Belmont.  
S. E. ELLIS, Keene.  
E. B. PARKER, Wilton.

### DIRECTORS.

Rockingham County—C. W. BARKER, Exeter.  
Belknap County—F. A. BADGER, Belmont.  
Hillsborough County—E. B. PARKER, Wilton.  
Carroll County—D. R. SLADE, Centre Harbor.  
Merrimack County—E. N. SAWYER, Salisbury.  
Cheshire County—SIDNEY C. ELLIS, Keene.  
Grafton County—W. D. BAKER, Quincy.  
Coös County—J. A. COSTELLO, Lancaster.  
Strafford County—A. I. HALL, Rochester.  
Sullivan County—

### MEMBERSHIP.

All persons interested in horticulture are eligible to membership.

Annual membership fee . . . .	\$1.00
Life membership fee . . . .	10.00

Fees should be remitted to the secretary.

For further information regarding the exhibitions, and for premium lists, write the secretary, Stanley K. Lovell, Goffstown, N. H.

# PROGRAM OF THE SEVENTEENTH ANNUAL MEETING.

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At Grange Hall, Winchester, N. H.

October 17, 18, and 19, 1911.

TUESDAY, OCTOBER 17, 7.30 P. M.

Prayer.

Music.....Grange Quartette

Address of Welcome.....Dr. Pierce

Response.....Pres. C. C. Shaw

Music.

The Relation of the Agricultural Experiment Station to  
the Horticultural Interests of the State,

Director J. C. Kendall, Durham, N. H.

Reading.

Orchard Care and Insect Pests. (Illustrated by stereopti-  
con), Prof. W. C. O'Kane, Durham, N. H.

WEDNESDAY, OCTOBER 18, 9 A. M.

My Experience with Grapes,

E. G. Bachelder, Wilton, N. H.

Fruiting a Strawberry Bed the Second Time,

F. A. Badger, Belmont, N. H.

My Experience in Starting a Young Apple Orchard,

Benjamin Brierly, Stratham, N. H.

An Experience with Nursery Stock,

John T. Harvey, Pittsfield, N. H.

Good Crops for New Hampshire,

Hon. N. J. Bachelder, Concord, N. H.

## WEDNESDAY, OCTOBER 18, 2 P. M.

Western Methods of Irrigation,

Robert Faulkner, Keene, N. H.

Irrigation in Market Gardens in the East,

J. J. Gardner, Durham, N. H.

Should Irrigation Be Encouraged in New Hampshire?

Gov. Robert P. Bass, Peterborough, N. H.

Open Discussion,

Led by S. K. Lovell, Goffstown, and C. W. Barker, Exeter.

## WEDNESDAY, OCTOBER 18, 7.30 P. M.

Music.

The Story of an Apple, Prof. B. S. Pickett, Durham, N. H.

Music.

Reading.

Address—Business Horticulture,

F. E. Buffum, Winchester, N. H.

Music.

Reading.

Address—Agricultural Education,

Pres. W. D. Gibbs, Durham, N. H.

Music.

## THURSDAY, OCTOBER 19, 9 A. M., to 10.30 A. M.

Address of the President, C. C. Shaw, Milford, N. H.

Reports from County Directors.

Report of the Treasurer, T. E. Hunt, Meredith, N. H.

Reports of Committees.

Election of Officers.

Miscellaneous Business.

## PROGRAM, 10.30 A. M.

General Methods of Preventing Diseases of Fruit Trees,

Dr. Charles Brooks, Durham, N. H.

Buying Nursery Stock,

Prof. Wm. H. Wolff, Durham, N. H.

THURSDAY, OCTOBER 19, 2 P. M.

An Organized Attempt to Encourage Fruit Growing in the  
Town of Winchester, N. H.

The Pear a Commercial Possibility,

Prof. Wm. H. Wolff, Durham, N. H.

A Fruit Survey of Hillsborough County,

H. S. Hardy, Hollis, N. H.



## MINUTES OF THE SEVENTEENTH ANNUAL MEETING.

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The annual meeting of the New Hampshire Horticultural Society was held in Grange Hall, Winchester, N. H., October 19, 1911, at 9 A.M., President Shaw presiding.

President Shaw, in a short address, called attention to the objects of the Society, and pointed out the urgent necessity for more money to conduct its work.

The reports of the county directors were read and accepted.

The treasurer's report having been duly audited, was read and accepted.

The secretary then made his report, stating briefly the work accomplished by his office during the past year.

The officers elected for the ensuing year were as follows:

*Honorary President*, C. C. SHAW, Milford.

*President*, CHARLES W. BARKER, Exeter.

*Vice-President*, JOHN T. HARVEY, Pittsfield.

*Secretary*, PROF. B. S. PICKETT, Durham.

### EXECUTIVE COMMITTEE.

F. A. BADGER, Belmont.

S. E. ELLIS, Keene.

E. B. PARKER, Wilton.

### DIRECTORS.

Rockingham County—C. W. BARKER, Exeter.

Belknap County—F. A. BADGER, Belmont.

Hillsborough County—E. B. PARKER, Wilton.

Carroll County—D. R. SLADE, Centre Harbor.

Merrimack County—E. N. SAWYER, Salisbury.

Cheshire County—SIDNEY C. ELLIS, Keene.

Grafton County—W. D. BAKER, Quincy.

Coös County—J. A. COSTELLO, Lancaster.

Strafford County—A. I. HALL, Rochester.

Sullivan County—

During the meeting it was suggested by a member of the society that a sum of money be raised with which to purchase a loving cup, to be offered by the society as a premium at its annual exhibitions. The suggestion met with immediate favor, and a committee was appointed to procure the funds, consisting of Secretary B. S. Pickett, Prof. Wm. H. Wolff of Durham, with Stanley K. Lovell of Goffstown, as chairman.

The meeting then adjourned, to continue the program of addresses.

STANLEY K. LOVELL,

*Secretary pro tem.*

## TREASURER'S REPORT.

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Thomas E. Hunt, treasurer, in account with the New  
Hampshire Horticultural Society.

DR.

1910.		
Oct. 12.	Received on appropriation.....	\$104.34
Dec. 21.	Received on appropriation.....	367.32
1911.		
Feb. 6.	Received on appropriation.....	28.34
		\$500.00

CR.

1910.		
Oct. 14.	Balance .....	\$1.00
14.	Paid Rumford Printing Co.....	800.34
14.	B. S. Pickett.....	23.50
14.	T. E. Hunt.....	4.78
Dec. 22.	H. J. Rock.....	8.46
22.	C. D. Jarvis.....	42.55
22.	John B. Varick Co.....	1.21
22.	C. C. Shaw.....	6.77
22.	F. W. Rane.....	15.30
22.	New City Hotel.....	39.50
23.	Alex. McNeill.....	25.00
1911.		
Feb. 6.	Bessie A. Callaghan.....	28.00
6.	T. E. Hunt.....	.34
6.	Premiums, 1910.....	223.25
		\$500.00

THOMAS E. HUNT,

*Treasurer.*

Thomas E. Hunt, treasurer, in account with the New Hampshire Horticultural Society.

## (NEW ENGLAND FRUIT SHOW APPROPRIATION.)

DR.

1911.		
Oct. 6.	Received appropriation.....	\$300.00

CR.

1911.		
Oct. 19.	Paid B. S. Pickett.....	\$31.74
19.	B. S. Pickett.....	16.71
19.	B. S. Pickett.....	9.95
Nov. 1.	B. S. Pickett.....	179.82
22.	Fellows and Son.....	22.50
22.	J. B. Page.....	5.50
22.	F. P. Morrison.....	7.00
22.	J. B. Varick Co.....	3.96
22.	George P. Read.....	11.88
1912.		
Jan. 22.	F. P. Morrison.....	4.50
30.	C. E. Hardy.....	6.44
		<hr/>
		\$300.00

STATEMENT OF THE FINANCIAL AFFAIRS OF  
THE NEW HAMPSHIRE HORTICULTURAL  
SOCIETY FROM SEPTEMBER 1, 1911, TO SEP-  
TEMBER 1, 1912.

DR.

1911.		
Dec. 19.	Appropriation .....	\$500.00

CR.

1911.

Dec. 19. Bill forwarded state auditor \$208.56

19. Bill forwarded state auditor 116.80

1912.

Mar. 27. Bill forwarded state auditor 46.33

July 25. Bill forwarded state auditor 127.70

	499.39
Balance .....	.61

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 \$500.00

THOMAS E. HUNT,

*Treasurer.*

## PREMIUMS AWARDED AT THE SEVENTEENTH ANNUAL MEETING.

Held at Winchester, N. H., October 17, 18 and 19, 1911.

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E. S. Walker, Alton, N. H. . . . .	\$2.00
B. C. Knight, Marlborough . . . . .	1.00
W. H. Read, Winchester . . . . .	1.00
A. F. Pierce, Winchester . . . . .	1.75
J. L. Bennett, Winchester . . . . .	3.00
F. H. Buffum, Winchester . . . . .	2.50
A. N. Fairbanks, Keene . . . . .	6.00
W. M. Guernsey, Winchester . . . . .	.50
A. M. Pendleton, Milford . . . . .	1.00
Mary Flint, Winchester . . . . .	.50
W. L. Lawrence, Winchester . . . . .	2.25
J. L. Moore, Boscawen . . . . .	2.00
G. F. Higgins, Marlborough . . . . .	.50
E. E. Smith, Marlborough . . . . .	.50
D. Webster Dow, North Epping . . . . .	4.00
Harvey T. Corey, R.F.D. No. 6, Manchester	7.50
G. F. Hutchinson, Wilton . . . . .	2.25
C. L. Stoddard, Westmoreland Depot . . . . .	7.75
E. G. Batchelder, Wilton . . . . .	1.00
E. B. Parker, Wilton . . . . .	28.25
	<hr/>
	\$73.25



## LIST OF MEMBERS.

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### LIFE MEMBERS.

Shaw, C. C.	.	.	.	Milford.
Adams, G. E.	.	.	.	Peterborough.
Barnard, G. E.	.	.	.	Hopkinton.
Barker, C. W.	.	.	.	Exeter.
Bass, R. P.	.	.	.	Peterborough.
Caldwell, W. H.	.	.	.	Peterborough.
Dillingham, Dr. T. M.	.	.	.	Marlborough.
Dimond, F. E.	.	.	.	West Concord.
Dimond, O. C.	.	.	.	West Concord.
Ellis, S. C.	.	.	.	Keene.
Farr, F. W.	.	.	.	Littleton.
Faulkner, R. E.	.	.	.	Keene.
Gould, R. F.	.	.	.	Contoocook.
Parker, Mrs. E. B.	.	.	.	Wilton.
Hardy, Harold E.	.	.	.	Hollis.
Russell, Charles C.	.	.	.	Exeter.
Gowing, F. C.	.	.	.	Dublin.
Gowing, H. M.	.	.	.	Dublin.
Hall, H. F.	.	.	.	Camden, N. J.
Hardy, C. E.	.	.	.	Hollis.
Hearty, E. W. J.	.	.	.	Hillsborough.
Leighton, G. B.	.	.	.	Monadnock.
Martin, K. McG.	.	.	.	Keene.
Morison, Mrs. Horace	.	.	.	Peterborough.
Morison, Miss Mary	.	.	.	Peterborough.
Parker, E. B.	.	.	.	Wilton.
Parker, F. B.	.	.	.	Wilton.
Parker, G. W.	.	.	.	Wilton.

Rane, F. Wm.	.	.	.	Waban, Mass.
Sanderson, E. D.	.	.	.	Morgantown, West Va.
Sawyer, E. E.	.	.	.	Atkinson Depot.
Slade, Mrs. Daniel	.	.	.	Centre Harbor.
Slade, D. R.	.	.	.	Sandwich.
Tenny, O. M.	.	.	.	East Hampstead.
Tenny, W. C.	.	.	.	Chester.
Tucker, E. E.	.	.	.	Monadnock.
Webster, F. G.	.	.	.	Holderness.
Webster, L. J.	.	.	.	Holderness.
Wheeler, F. W.	.	.	.	Brookline, N. H.
Wister, J. C.	.	.	.	Philadelphia, Pa.
Wood, R. C.	.	.	.	Dublin.
Yeaton, G. H.	.	.	.	Dover.

## ANNUAL MEMBERS.

Abbott, C. S.	.	.	.	Antrim.
Ashman, J. W.	.	.	.	Laconia.
Avery, Samuel	.	.	.	Wolfeboro.
Abbott, John B.	.	.	.	Concord.
Adams, Miss Margaret	.	.	.	Peterborough.
Armstrong, George D.	.	.	.	Milford.
Ayres, Philip W.	.	.	.	Concord.
Andrews, Frank E.	.	.	.	Manchester.
Baker, Dana W.	.	.	.	Exeter.
Briggs, O. B.	.	.	.	Roslindale, Mass.
Bemis, Wm. R.	.	.	.	Marlborough.
Brierly, Benjamin	.	.	.	Stratham.
Boardman, F. L.	.	.	.	Concord.
Burleigh, W. R.	.	.	.	Manchester.
Bachelder, N. J.	.	.	.	Concord.
Bartlett, R. B.	.	.	.	Pittsfield.
Blessing, David S.	.	.	.	Harrisburg, Pa.
Batchelder, Mrs. A. Isabel	.	.	.	Wilton.
Barnum, W. A.	.	.	.	Atkinson.
Bushnell, C. E.	.	.	.	Wilton.

Barker, G. W.	.	.	.	Stratham.
Beckwith, R. L.	.	.	.	Centre Harbor.
Beckwith, Mrs. R. L.	.	.	.	Centre Harbor.
Brown, S. H.	.	.	.	Greenville.
Bass, Mrs. Perkins	.	.	.	Peterborough.
Barker, S. W.	.	.	.	Boston, Mass.
Baker, W. D.	.	.	.	Quincy, N. H.
Badger, F. A.	.	.	.	Belmont.
Buckshorn, L. H.	.	.	.	Vineyard Haven, Mass.
Baker, P. C.	.	.	.	Hollis.
Bartlett, Walter H.	.	.	.	Manchester.
Batchelder, C. J.	.	.	.	Wilton.
Batchelder, E. J.	.	.	.	Wilton.
Bruce, H. C.	.	.	.	Milford.
Carpenter, G. A.	.	.	.	Wolfeboro.
Ives, Henry G.	.	.	.	Andover.
Colburn, C. I.	.	.	.	Manchester.
Coffin, Loie C.	.	.	.	Boscawen.
Corey, H. T., Sr.	.	.	.	Manchester.
Corey, H. T., Jr.	.	.	.	Manchester.
Colby, Forrest L.	.	.	.	Concord.
Carret, J. R.	.	.	.	Boston, Mass.
Currier, F. A.	.	.	.	East Tilton.
Currier, D. M.	.	.	.	Newport.
Colburn, C. A.	.	.	.	Hollis.
Chase, H. R.	.	.	.	Wilton.
Coburn, O. S.	.	.	.	Manchester.
Curtis, Alfred L.	.	.	.	Wilton.
Cheney, Mrs. B. P., Sr.	.	.	.	Peterborough.
Corey, S.	.	.	.	Manchester.
Clough, A. W.	.	.	.	Greenland.
Chase, Henry H.	.	.	.	West Concord.
Coffin, Mrs. Henry	.	.	.	Boscawen.
Colby, F. E.	.	.	.	Concord.
Dudley, A. T.	.	.	.	Exeter.
Dean, Wm. H.	.	.	.	Hollis.
DeRochemont, C. M.	.	.	.	Portsmouth.

Dow, D. Webster	.	.	North Epping.
Drake, N. S.	.	.	Pittsfield.
DePuy, C. A.	.	.	Boston, Mass.
Dewing, Frank	.	.	Alstead Centre.
Dodge, R. T.	.	.	Henniker.
Emerson, C. S.	.	.	Milford.
Eames, Dr. Wm. M.	.	.	Grasmere.
Ewart, Thomas	.	.	Manchester.
Fairbanks, Alfred N.	.	.	Keene.
Felker, Samuel D.	.	.	Rochester.
Fox, R. C. K.	.	.	Haverhill, Mass.
Folsom, G. H.	.	.	Penacook.
Forsyth, N. S.	.	.	Salem Depot.
Freeman, George B.	.	.	Haverhill, Mass.
Fraser, C. K.	.	.	Peterborough.
Fleming, James F.	.	.	Concord.
Grimes, Mrs. Ella E.	.	.	Keene.
Graves, Dr. E. E.	.	.	Penacook.
Gregg, D. A.	.	.	Nashua.
Green, W. S.	.	.	Pittsfield.
Gowen, George E.	.	.	Stratham.
Geisel, Joseph H.	.	.	Manchester.
Gilmore, J. R.	.	.	Manchester.
Grimes, John	.	.	Dublin.
Gilkey, P. L.	.	.	Rochester.
Gilchrist, S. B.	.	.	Grasmere.
Greenleaf, J. A.	.	.	Hollis.
Grimes, J. D.	.	.	Dublin.
Higgins, G. F.	.	.	Marlborough.
Hutchinson, G. T.	.	.	Wilton.
Herrick, J. G.	.	.	North Weare.
Hills, G. F.	.	.	Hollis.
Houghton, Rev. V. M.	.	.	Exeter.
Hadley, H. O.	.	.	Peterborough.
Hayward, C. E. L.	.	.	Hancock.
Hall, A. I.	.	.	Rochester.
Hunt, T. E.	.	.	Meredith.

Hubbard, A. B.	.	.	Manchester.
Hayward, Walter E.	.	.	Temple.
Hall, Wm. C.	.	.	Keene.
Harvey, J. T.	.	.	Pittsfield.
Herrick, Wm. F.	.	.	Lyndeborough.
Holt, Oliver	.	.	Wilton.
Howe, J. D.	.	.	Lancaster.
Ives, Mrs. Henry G.	.	.	Andover.
Jackson, Alfred C. L.	.	.	Concord.
Jenkins, C. A.	.	.	Milford.
Jenness, D. F.	.	.	Dover.
Jackman, E. L.	.	.	Concord.
King, George L.	.	.	Manchester.
Keith, W. S.	.	.	Milford.
Kimball, F. B.	.	.	Greenville.
Lobdell, Dr. A. J.	.	.	Winchester.
Livermore, H. H.	.	.	Wilton.
Littlefield, I. S.	.	.	New London.
Lovell, S. K.	.	.	Goffstown.
Lovejoy, S. A.	.	.	Milford.
Littlefield, A. L.	.	.	Salem Depot.
Lane, Harry C.	.	.	Peterborough.
Lindahl, Carl	.	.	Manchester.
Lamprey, C. A.	.	.	Laconia.
Lang, Walter B.	.	.	Atkinson.
Langdell, Luther Mark	.	.	Wilton.
Lumsden, David	.	.	Durham.
Morrill, J. S.	.	.	Laconia.
Morison, M. L.	.	.	Peterborough.
Milne, George G.	.	.	Monadnock.
Mason, Mrs. Fanny P.	.	.	Walpole.
Marshall, W. C.	.	.	Belknap Mills.
Marden, G. W.	.	.	Wilton.
Mackee, A. L.	.	.	East Kingston.
Montgomery, W. L.	.	.	Contoocook.
Marble, L. G.	.	.	Haverhill, Mass.
Moore, J. T.	.	.	Boscawen.

Malley, C. V.	. . .	Laconia.
Mosher, Richard M.	. . .	Manchester.
Neale, Alice E.	. . .	Whitestone, L. I., N. Y.
Nyland, Thomas	. . .	Peterborough.
Newell, E. H.	. . .	Keene.
Noyes, Henry	. . .	Westville.
Noyes, W. S.	. . .	Atkinson.
Ormsbee, C. O.	. . .	Montpelier, Vt.
Parker, Francis R.	. . .	Fitzwilliam.
Peaslee, W. K.	. . .	Bedford.
Piper, L. A.	. . .	Keene.
Preston, Wm. A.	. . .	New Ipswich.
Porter, B. F.	. . .	New Boston.
Pickering, Mrs. Amanda B.	. . .	Newington.
Pierce, Wm. W.	. . .	Ashland.
Page, G. A.	. . .	Atkinson.
Pickering, James Burnett	. . .	Newington.
Pearson, F. H.	. . .	Stratham.
Pratt, O. M.	. . .	Holderness.
Proctor, D. E.	. . .	Wilton.
Poore, Fred H.	. . .	Goffstown.
Parker, Horace B.	. . .	Stratham.
Pressey, C. I.	. . .	Atkinson Depot.
Perham, C. L.	. . .	Milford.
Phelan, Wm. B.	. . .	Milford.
Piper, J. C.	. . .	Stratham.
Richards, Annie	. . .	Bristol.
Read, Wm. H.	. . .	Winchester.
Roberts, D. G.	. . .	Grasmere.
Robinson, George A.	. . .	Marlborough.
Richardson, James M.	. . .	Manchester.
Stevens, E. W.	. . .	Bedford.
Sawyer, E. N.	. . .	Salisbury.
Stearns, S. B.	. . .	Manchester.
Shedd, Albert E.	. . .	New Boston.
Spaulding, D. Minot	. . .	Keene.
Swain, W. B.	. . .	East Barrington.



Smith, F. A.	.	.	.	Ipswich, Mass.
Smith, Edward M.	.	.	.	North Hampton.
Sumner, Dr. Arthur F.	.	.	.	New York City.
Simons, H. H.	.	.	.	Riverdale.
Stanford, E. L.	.	.	.	Keene.
Sawyer, R. S.	.	.	.	Walpole.
Symonds, F. P.	.	.	.	Chesham.
Sawyer, H. N.	.	.	.	Haverhill, Mass.
Selleck, George H.	.	.	.	Exeter.
Smith, G. Frank	.	.	.	Meredith.
Stone, E. J.	.	.	.	Barrington.
Swindlehurst, Mrs. C.	.	.	.	Peterborough.
Sanborn, H. B.	.	.	.	Concord.
Stoddard, Charles L.	.	.	.	Westmoreland Depot.
Tilton, Charles O.	.	.	.	New York City.
Turner, Ross	.	.	.	Wilton.
Tarbell, Fred H.	.	.	.	Wilton.
Thompson, W. O.	.	.	.	Newfields.
Thurston, Perley D.	.	.	.	Milford.
Taft, H. J.	.	.	.	Greenville.
Woodward, H. S.	.	.	.	Keene.
Wallace, Judge R. M.	.	.	.	Milford.
Walker, E. S.	.	.	.	Alton.
Webster, Walter H.	.	.	.	Grafton Centre.
Wilson, H. A.	.	.	.	Hollis.
Webber, Robert L.	.	.	.	Concord.
Wilson, George R.	.	.	.	Wolfeboro Falls.
Wheeler, H. C.	.	.	.	Hancock.
Woodman, P. R.	.	.	.	Milford.
Whiting, David	.	.	.	Wilton.
Walbridge, A. J.	.	.	.	Peterborough.
Welch, Oliver E.	.	.	.	Keene.
Worthen, S. T.	.	.	.	Manchester.
Wright, F. E.	.	.	.	Brookline, N. H.
Wyman, John E.	.	.	.	Keene.
Wheeler, H. T.	.	.	.	Manchester.

White, H. K.	.	.	.	Pittsfield.
Yorke, Rev. Burt Leon	.	.	.	Medford, Mass.
Young, Augustus	.	.	.	Exeter.
Pickett, B. S.	.	.	.	Urbana, Ill.



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SIXTH ANNUAL REPORT

OF THE

SECRETARY OF STATE

FOR THE YEAR ENDING AUGUST 31, 1912

CONTAINING

TWENTY-FIRST ANNUAL REPORT OF  
RETURNS OF CORPORATIONS

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CONCORD :  
1912

PRINTED BY IRA C. EVANS Co., Concord.

BOUND BY THE CRAGG BINDERY, Concord.

SECRETARY OF STATE:  
EDWARD N. PEARSON.

DEPUTY SECRETARY OF STATE:  
ARTHUR L. WILLIS.



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## Abstract of Annual Returns of Corporations

MADE TO THE SECRETARY OF STATE DURING YEAR  
ENDING AUGUST 31, 1912.

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Abbott-Burt Lumber Company—Principal place of business, Dorchester; incorporated, January 19, 1912; capital authorized, \$5,000; par value, \$100; capital issued, \$5,000; debts due from corporation, \$2,500; assets, \$7,500; description of assets, horses, machinery, logs, wagons, sleds, tools, etc., pertaining to lumber business; treasurer, Frank A. Burt; postoffice address, West Rumney; directors signing return, Charles W. Abbott, Allen S. Burt, Frank A. Burt.

Abbott Grocery Company—Principal place of business, Keene; incorporated, May 15, 1890; capital authorized, \$120,000; par value, \$100; capital issued, \$120,000; debts due corporation, \$78,845.91; debts due from corporation, \$18,287.28; assets, including debts due corporation, \$163,205.31; description of assets, building and merchandise; treasurer, C. C. Abbott; postoffice address, Keene; directors signing return, C. C. Abbott, G. P. Field, W. R. Kirk.

Alonzo Elliott & Company—Principal place of business, Manchester; incorporated, August 7, 1909; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due corporation, \$17,317.10; debts due from corporation, \$28,687.38; assets, including debts due corporation, \$40,825.60; description of assets, investment securities; treasurer, H. A. McElwain; postoffice address, Manchester; directors signing return, Thomas C. Perkins, H. A. McElwain, Irving E. Forbes.

Alpine Aqueduct Company—Principal place of business, Gorham; incorporated, July 1, 1874; capital authorized, \$25,000; par value, \$100; capital issued, \$23,200; debts due corporation, \$384.50; debts due from corporation, \$500; assets, including debts due corporation, \$23,719.39; description of assets, aqueduct and system; treasurer, Alfred R. Evans; postoffice address, Gorham; directors signing return, Wallace Mason, Henry G. Noyes, Alfred R. Evans.

American Railroad Automatic Signal Company—Principal place of business, Manchester; incorporated, July 21, 1911; capital authorized, \$25,000; par value, \$25; capital issued, \$225; debts due from

corporation, \$66.13; assets, indeterminate; description of assets, pending patent; treasurer, Hector Morin; postoffice address, Franklin; directors signing return, Archelas Villeneuve, Cyril S. Aubi, Joseph Welcome.

Ammonoosuc Telephone Company—Principal place of business, Stark; incorporated, December 15, 1903; capital authorized, \$1,125; par value, \$75; capital issued, \$1,125; debts due corporation, \$61.25; debts due from corporation, \$91.77; assets, including debts due corporation, \$1,235.10; description of assets, telephone line of about twenty miles, consisting of poles and wire only; treasurer, F. L. Blake; postoffice address, Stark; directors signing return, F. L. Blake, C. A. Cole.

Annis Flour & Grain Company—Principal place of business, Manchester; incorporated, August 11, 1892; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due corporation, \$4,772.31; debts due from corporation, \$58,691.17; assets, including debts due corporation, \$160,000; description of assets, land, buildings, grain, flour and groceries; treasurer, Roswell Annis; postoffice address, Manchester; directors signing return, Roswell Annis, Earle M. Annis.

Annis Grain & Lumber Company—Principal place of business, Londonderry; incorporated, August 11, 1892; capital authorized, \$40,000; par value, \$100; capital issued, \$40,000; debts due corporation, \$19,013.66; debts due from corporation, \$19,247.94; assets, including debts due corporation, \$125,000; description of assets, land, buildings, machinery, lumber and general merchandise; treasurer, Alfred N. Fessenden; postoffice address, Townsend, Mass.; directors signing return, Robert G. Fessenden, Walter F. Rockwood, Alfred N. Fessenden.

Anthon Poultry Company—Principal place of business, Centre Harbor; incorporated, March 29, 1910; capital authorized, \$15,000; par value, \$100; capital issued, \$13,000; debts due from corporation, \$5,201.18; assets, \$9,326.04; description of assets, live chickens and poultry equipment; treasurer, C. F. Quincy; postoffice address, 90 West St., New York, N. Y., directors signing return, C. F. Quincy, A. Anthon, L. I. Anthon, A. C. Rorke, F. F. Kister.

Ashland Lumber Company—Principal place of business, Ashland; incorporated, December 7, 1909; capital authorized, \$1,500; par value, \$100; capital issued, \$1,500; debts due corporation, \$478.17; assets \$1,978.17; description of assets, portable sawmill and accounts

receivable; treasurer, Ora A. Brown; postoffice address, Ashland; directors signing return, Ora A. Brown, Jonathan M. Cheney.

Ashuelot Gas & Electric Company—Principal place of business, Winchester; incorporated, September 20, 1911; capital authorized, \$140,000; par value, \$100; capital issued, \$94,400; debts due from corporation, \$34,840.07; assets, \$129,414.38; description of assets, distribution of electricity; treasurer, G. M. Rossman; postoffice address, Keene; directors signing return, W. H. Elliot, W. L. Mason, G. M. Rossman, Philip Faulkner.

Asquam Transportation Company—Principal place of business, Ashland; incorporated, October 17, 1901; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$806.69; debts due from corporation, \$2,000; assets, including debts due corporation, \$21,012.28; description of assets, boats, boathouses, docks and automobiles; treasurer, Ora A. Brown; postoffice address, Ashland; directors signing return, Harold J. Coolidge, J. R. Coolidge, Jr., F. G. Webster, Edwin S. Webster, George B. Harris, Ora A. Brown.

Bachelder-Worcester Company—Principal place of business, Manchester; incorporated, March 16, 1908; capital authorized, \$60,000; par value, \$100; capital issued, \$60,000; debts due corporation, \$42,951.66; debts due from corporation, \$76,062.73; assets, including debts due corporation, \$141,880.48; description of assets, shook plant and lumber; treasurer, Benjamin F. Worcester; postoffice address, Manchester; directors signing return, D. W. Bachelder, Benjamin F. Worcester.

Baggage and Parcel Express Company—Principal place of business, No. 1 Church Street, North Walpole; incorporated, May 12, 1911; capital authorized, \$5,000; par value, \$100; capital issued, \$4,500; debts due corporation, \$1,000; debts due from corporation, \$400; assets, including debts due corporation, \$5,500; description of assets, horses, wagons, carts, sleds, harnesses, blankets, tools, equipment, office furniture; treasurer, Park C. Mellish; postoffice address, Bellows Falls, Vt.; directors signing return, William C. Heald, George W. Roland.

Baker's River Creamery Company—Principal place of business, Rumney; incorporated, April 16, 1892; capital authorized, \$4,000; par value, \$100; capital issued, \$3,450; description of assets, butter-making plant; treasurer, V. E. Atwood; postoffice address, West

Rumney; directors signing return, V. E. Atwood, C. A. Dimond, W. F. Ray.

Baker's River Telephone Company—Principal place of business, Warren; incorporated, July 5, 1905; capital authorized, \$50,000; par value, \$25; capital issued, \$35,275; debts due corporation, \$2,147.59; debts due from corporation, \$4,613.15; assets, including debts due corporation, \$47,270.84; description of assets, telephone lines and equipment, bills receivable and cash; treasurer, Chester B. Averill; postoffice address, Warren; directors signing return, Fred C. Gleason, James H. Williams.

Ball & Socket Fastener Company—Principal place of business, Portsmouth; incorporated, January 18, 1884; capital authorized, \$100,000; par value, \$50; capital issued, \$100,000; assets, \$101,138.69; description of assets, stock and cash; treasurer, W. S. Richardson; postoffice address, 95 Milk Street, Boston, Mass.; directors signing return, W. S. Richardson, Philip Dumaresq, Lilian S. Dumaresq.

Barron Hotel Company—Principal place of business, Carroll; incorporated, November 20, 1895; capital authorized, \$115,000; par value, \$100; capital issued \$115,000; debts due corporation, \$290; debts due from corporation, \$81,867.95; assets, including debts due corporation, \$257,274.35; description of assets, hotels, farms, carriages, livestock, farm tools, furniture, timberlands and livery; treasurer, W. A. Barron; postoffice address, Crawford House; directors signing return, Merrill Shurtleff, H. B. Barron, W. A. Barron.

Barron, Merrill & Barron Company—Principal place of business, Carroll; incorporated, April 20, 1899; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due corporation, \$37,563.04; debts due from corporation, \$1,150.50; assets, including debts due corporation, \$62,547.03; description of assets, livestock, carriages, farm tools, furniture, notes, cash; treasurer, W. A. Barron; postoffice address, Crawford House; directors signing return, Merrill Shurtleff, H. B. Barron, W. A. Barron.

Bath Lumber Company—Principal place of business, Bath; incorporated, June 10, 1891; capital authorized, \$75,000; par value, \$100; capital issued, \$75,000; debts due from corporation, \$44,775.10; assets, \$26,000; description of assets, cash and real estate; treasurer, Amos N. Blandin; postoffice address, Bath; directors signing return, Amos N. Blandin, James T. Moulton.

Beacon Hill Hospital and Training School for Nurses—Principal place of business, Manchester; incorporated, February 15, 1910; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due corporation, \$575; assets, including debts due corporation, \$20,575; description of assets, land, buildings and equipment; treasurer, John H. Gleason; postoffice address, Manchester; directors signing return, Ethel E. Gleason, John H. Gleason.

Beaver Mills—Principal place of business, Keene; incorporated, February 18, 1881; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$15,231.02; debts due from corporation, \$10,146.86; assets, including debts due corporation, \$168,806.62; description of assets, land and buildings, timberland and manufactured stock; treasurer, Frederic A. Faulkner; postoffice address, Keene; directors signing return, Frederic A. Faulkner, Harry T. Kingsbury, Herbert K. Faulkner, John C. Faulkner.

Beecher Falls Company—Principal place of business, Beecher Falls, Vt.; incorporated, October 31, 1894; capital authorized, \$77,600; par value, \$100; capital issued, \$77,600; debts due corporation, \$38,417.77; debts due from corporation, \$63,155.83; assets, including debts due corporation, \$165,511.11; description of assets, saw-mill, furniture, factory, dryhouses, machinery, accounts due, furniture, supplies, lumber, cash, etc.; treasurer, Harry H. Dudley; postoffice address, Concord; directors signing return, B. A. Kimball, John F. Webster, John Kimball, Henry A. Kimball, Harry H. Dudley.

Belknap Springs Land Company—Principal place of business, West Alton; incorporated, December 21, 1891; capital authorized, \$20,000; par value, \$25; capital issued, \$20,000; assets, \$20,267.24; description of assets, land, houses and cash; treasurer, L. D. Russell; postoffice address, 264 Broad Street, Lynn, Mass.; directors signing return, William H. Russell, Louis D. Russell.

Belknap Stocking Company—Principal place of business, Laconia; incorporated, May 1, 1906; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$12,850.21; debts due from corporation, \$12,397.60; assets, including debts due corporation, \$46,883.11; description of assets, cash, accounts receivable, merchandise, needles, machinery and fixtures, accrued insurance, etc.; treasurer, A. E. Sanborn; postoffice address, Laconia; directors signing return, A. E. Sanborn, George H. Busiel, J. B. Fitzpatrick.



Bellows & Baldwin Company—Principal place of business, Littleton; incorporated, February 1, 1910; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$6,274.84; debts due from corporation, \$2,275.11; assets, including debts due corporation, \$23,359.10; description of assets, merchandise, cash, bills receivable, insurance policies, store, shop and fixtures, ledger accounts, store and office supplies, good-will; treasurer, William H. Bellows; postoffice address, Littleton; directors signing return, William H. Bellows, Charles E. Gosselin.

Bethlehem Baseball Association—Principal place of business, Bethlehem; incorporated, June 15, 1904; capital authorized, \$4,000; par value, \$5; capital issued, \$3,085; debts due from corporation, \$848.24; assets, \$3,300; description of assets, land and grand-stand; treasurer, William McAuliffe; postoffice address, Bethlehem; directors signing return, F. H. Abbott, E. E. Bishop, R. N. Gordon, F. C. Abbe, D. W. Harrington.

Bethlehem Country Club—Principal place of business, Bethlehem; incorporated, May 28, 1898; capital authorized, \$15,000; par value, \$25; capital issued, \$9,925; debts due from corporation, \$10,203.12; assets, \$15,000; description of assets, land and buildings; treasurer, W. McAuliffe; postoffice address, Bethlehem; directors signing return, F. H. Abbott, E. E. Bishop, R. N. Gordon, F. C. Abbe, D. W. Harrington.

Blue Mountain Forest Association—Principal place of business, Newport; incorporated, August 31, 1891; capital authorized, \$6,000; par value, \$100; capital issued, \$6,000; debts due corporation, \$8,546.94; debts due from corporation, \$34,050.43; assets, including debts due corporation, nominal; description of assets, real estate, game and fish; treasurer, George A. Edgell; postoffice address, 192 Broadway, New York City; directors signing return, George S. Edgell, Isabella C. Edgell, George H. Edgell, Austin Corbin.

Boston District Messenger Company—Principal place of business, Portsmouth; incorporated, November 21, 1888; capital authorized, \$10,000; par value, \$50; capital issued, \$10,000; debts due corporation, \$1,250.25; debts due from corporation, \$1,190; assets, including debts due corporation, \$11,250.25; description of assets, wires, cables, call boxes and electrical appliances in the city of Boston, Mass.; treasurer, Theodore L. Cuyler, Jr.; postoffice address, 253 Broadway, New York City; directors signing return, E. B. Pillsbury, Theodore L. Cuyler, Jr., C. A. Richardson, William Ryan.

Boston Fruit Company—Principal place of business, Concord; incorporated, January 11, 1901; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due corporation, \$27,830.90; debts due from corporation, \$2,496.26; assets, including debts due corporation, \$52,522.30; description of assets, merchandise, bills receivable and cash on hand; treasurer, Frank Casei; postoffice address, Concord; directors signing return, Frank Casei, Alessandro Poli, Henry Diversi.

Boulia-Gorrell Company—Principal place of business, Lakeport; incorporated, September 7, 1903; capital authorized, \$10,000; par value, \$50; capital issued, \$10,000; debts due corporation, \$14,659; debts due from corporation, \$36,556; assets, including debts due corporation, \$52,931; description of assets, lumber, land, buildings, machinery, teams, etc.; treasurer, Charles C. Davis; postoffice address, 123 Church Street, Laconia; directors signing return, Horace W. Gorrell, Charles C. Davis, Julius Boulia, John T. Ranger.

Brampton Woolen Company—Principal place of business, Newport; incorporated, July 31, 1906; capital authorized, \$75,000; par value, \$100; capital issued, \$75,000; debts due corporation, \$10,868.48; debts due from corporation, \$12,702.82; assets, including debts due corporation, \$158,965.41; description of assets, machinery, real estate, stock manufactured, unmanufactured and in process; treasurer, John McCrillis; postoffice address, Newport; directors signing return, Vincent J. Brennan, Sr., Franklin P. Rowell, John McCrillis, Sam D. Lewis, Vincent J. Brennan, Jr.

Breed Pond Company—Principal place of business, Marlborough; incorporated, July 2, 1851; capital authorized, \$20,000; capital issued, \$8,200; debts due corporation, \$55; assets, including debts due corporation, \$9,000; description of assets, real estate, water rights and privileges, cash; treasurer, C. H. Pease; postoffice address, Marlborough; directors signing return, C. O. Whitney, E. P. Richardson.

Bristol Aqueduct Company—Principal place of business, Bristol; incorporated, April 3, 1886; capital authorized, \$27,500; par value, \$50; capital issued, \$27,500; debts due corporation, \$1,059.35; debts due from corporation, \$425; assets, including debts due corporation, \$28,384.35; description of assets, aqueduct and supplies; treasurer, M. W. White; postoffice address, Bristol; directors signing return, M. W. White, Karl G. Cavis, Ira A. Chase, Fred A. Spencer.

Bristol Water Power Company—Principal place of business, Bristol; incorporated, August 9, 1884; capital authorized, \$15,000; par

value, \$50; capital issued, \$15,000; debts due corporation, \$108.40; debts due from corporation, \$58.33; assets, including debts due corporation, \$15,960.20; description of assets, real and personal estate, water rights, buildings, apparatus, etc.; treasurer, Frank N. Gilman; postoffice address, Bristol; directors signing return, Fred P. Weeks, George H. Calley, F. A. Stillings, Frank N. Gilman.

Brodie Electric and Automobile Company—Principal place of business, Manchester; incorporated, June 15, 1909; capital authorized, \$25,000; par value, \$100; capital issued, \$12,000; debts due corporation, \$4,040.73; debts due from corporation, \$9,937.13; assets, including debts due corporation, \$20,948.82; description of assets, automobiles, machinery, tools, stock, supplies, accessories, etc.; treasurer, J. J. Sullivan; postoffice address, Manchester; directors signing return, J. J. Sullivan, D. F. Sullivan.

C. H. Martin Company—Principal place of business, Concord; incorporated, May 1, 1907; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$3,639.52; debts due from corporation, \$7,066.02; assets, including debts due corporation, \$23,892.18; description of assets, stock in trade, furniture and fixtures; treasurer, Charles R. Denning; postoffice address, Concord; directors signing return, Charles R. Denning, Eliza D. Denning.

C. N. Hodgdon Company—Principal place of business, Berlin; incorporated, July 23, 1908; capital authorized, \$25,000; par value, \$100; capital issued, \$25,000; debts due corporation, \$7,084.38; debts due from corporation, \$9,755.60; assets, including debts due corporation, \$37,002.88; description of assets, coal, wood, coke, cement, hay, potatoes, horses, wagons, sleds, yard supplies, real estate, farm, accounts, notes, cash on hand and in bank; treasurer, H. N. Hodgdon; postoffice address, Berlin; directors signing return, H. N. Hodgdon, Herman E. Miles, W. A. Hodgdon.

Camp Eagle Point Company—Principal place of business, Rumney; incorporated, August 6, 1908; capital authorized, \$15,000; par value, \$100; capital issued, \$13,000; debts due corporation, \$500; debts due from corporation, \$7,186.17; assets, including debts due corporation, \$23,300; description of assets, real estate; treasurer, M. K. Marriman; postoffice address, Derry Village; directors signing return, J. E. Klock, V. E. Spencer, D. G. Greenwood, J. J. Marriman.

Canaan Light, Heat & Power Company—Principal place of business, Canaan; incorporated, December 2, 1909; capital authorized, \$12,000; par value, \$25; capital issued, \$650; debts due corporation, \$85.99; debts due from corporation, \$129.89; assets, including debts

due corporation, \$310.57; description of assets, constructed pole line; treasurer, A. J. Barney; postoffice address, Canaan; directors signing return, E. M. Allen, A. J. Barney, F. B. Smart, Joseph Tighe, O. B. Sargent.

Cascade Light & Power Company—Principal place of business, Berlin; incorporated, March 27, 1905; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$7,386.28; debts due from corporation, \$134,523.73; assets, including debts due corporation, \$253,577.11; description of assets, electric light and power plant, including pole lines, power house, meters, stock in trade, and all other property; treasurer, G. O. Holt; postoffice address, Berlin; directors signing return, R. N. Chamberlin, G. O. Holt, A. G. Holt, A. B. Libby, M. A. Twitchell.

Casino Building Company—Principal place of business, Laconia; incorporated, October 30, 1896; capital authorized, \$9,375; par value, \$25; capital issued, \$9,375; debts due from corporation, \$6,200; assets, \$16,923.12; description of assets, land, buildings and cash; treasurer, E. P. Thompson; postoffice address, Laconia; directors signing return, Dennis O'Shea, F. H. Lougee, F. M. Beckford, William F. Knight.

Chandler Eastman Company—Principal place of business, West Concord; incorporated, April 16, 1908; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due corporation, \$630; debts due from corporation, \$4,436; assets, including debts due corporation, \$16,090; description of assets, lands, buildings, machinery, stock; treasurer, Edgar D. Eastman; postoffice address, 502 North State Street, West Concord; directors signing return, Edgar D. Eastman, Allen Hollis.

Chronicle & Gazette Publishing Company—Principal place of business, Portsmouth; incorporated, October 26, 1905; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due corporation, \$4,022.64; debts due from corporation, \$355.72; assets, including debts due corporation, \$19,022.64; description of assets, printing press, linotype machines, motors, type, metal, furniture, type cases, etc.; treasurer, F. W. Hartford; postoffice address, Portsmouth; directors signing return, F. W. Hartford, F. S. Towle.

Citizens' Telephone Company—Principal place of business, Laconia; incorporated, July 23, 1896; capital authorized, \$100,000; par value, \$25; capital issued, \$100,000; debts due corporation, \$2,628.60; debts due from corporation, \$786.68; description of assets, switchboards, cables and line poles, and telephone instruments; treasurer,



S. B. Cole; postoffice address, Lakeport; directors signing return, A. W. Abbott, Victor E. Haserick, John H. Dow, John W. Ashman, True E. Prescott, Charles H. Odell.

Claremont Power Company—Principal place of business, Claremont; incorporated, March 13, 1907; capital authorized, \$700,000; par value, \$100; capital issued, \$700,000; debts due corporation, \$7,254.48; debts due from corporation, \$506,483.89; assets, including debts due corporation, \$1,215,031.80; description of assets, electric light and power plants; treasurer, Thomas E. Steere; postoffice address, Claremont; directors signing return, Louis N. Wheelock, Frank H. Foster, Hira R. Beckwith.

Coheco Beef Company—Principal place of business, Dover; incorporated, November 15, 1907; capital authorized, \$25,000; par value, \$100; capital issued, \$25,000; debts due corporation, \$10,897.72; assets, including debts due corporation, \$29,642.16; description of assets, stock in trade; treasurer, Orren Coogan; postoffice address, Dover; directors signing return, T. J. McIntyre, Michael Coogan, Orren Coogan.

Coheco Bottling Works, Inc.—Principal place of business, Rochester; incorporated, March 24, 1904; capital authorized, \$5,000; par value, \$100; capital issued, \$5,000; debts due corporation, \$320; debts due from corporation, \$40; assets, including debts due corporation, \$5,320; description of assets, machinery, bottles, cases, tools, wagons, teams; treasurer, James Lucey, Jr.; postoffice address, Rochester; directors signing return, James Lucey, Jr., John F. Lucey, David J. Lucey.

Coheco Woolen Manufacturing Company—Principal place of business, East Rochester; incorporated, June 24, 1863; capital authorized, \$150,000; par value, \$100; capital issued, \$150,000; debts due from corporation, \$191,685.12; assets, \$251,969.56; description of assets, real estate, machinery, wool, cloth and supplies; treasurer, Samuel Rindge; postoffice address, Boston, Mass.; directors signing return, S. Parker Bremer, Samuel Rindge, Sidney B. Hayes.

Cohas Building Company—Principal place of business, Manchester; incorporated, March 30, 1904; capital authorized, \$65,800; par value, \$100; capital issued, \$65,800; debts due from corporation, \$10,250; assets, \$86,795.17; description of assets, real estate and cash; treasurer, James A. Vaughan; postoffice address, Manchester; directors signing return, Clarence M. Edgerly, Willis B. Kendall, Walter G. Africa, A. M. Heard.

Cohasaukee Corporation—Principal place of business, Manchester; incorporated, September 16, 1907; capital authorized, \$50,000; par value, \$100; capital issued, \$50,000; debts due from corporation, \$7,863.51; assets, \$49,244.41; description of assets, land, buildings, machinery and merchandise; treasurer, Adrian L. Horne; postoffice address, Manchester; directors signing return, Roswell Annis, William J. Hoyt, Albert L. Clough, Walter M. Parker, James H. Mendell.

Columbian Manufacturing Company—Principal place of business, 72 Franklin Street, Boston, Mass.; incorporated, June 20, 1827; capital authorized, \$500,000; par value, \$1,000; capital issued, \$350,000; debts due corporation, \$54,013.54; debts due from corporation, \$7,308.40; assets, including debts due corporation, \$551,681.52; description of assets, cotton mills; treasurer, Francis W. Fabyan; postoffice address, 72 Franklin Street, Boston, Mass.; directors signing return, Charles H. Fiske, Isaiah R. Clark, Edward B. Alford.

Concord Belting Company—Principal place of business, Concord; incorporated, October 3, 1911; capital authorized, \$40,000; par value, \$100; capital issued, \$40,000; debts due corporation, \$8,299.53; debts due from corporation, \$15,800; assets, including debts due corporation, \$55,800; description of assets, merchandise, buildings and machinery; treasurer, Walter L. Jenks; postoffice address, Concord; directors signing return, Eben M. Willis, John Brooks, William T. Bell, E. S. Willis.

Concord Building Company—Principal place of business, Concord; incorporated, May 17, 1889; capital authorized, \$5,000; par value, \$100; capital issued, \$5,000; debts due corporation, \$55; assets, including debts due corporation, \$5,147.82; description of assets, real estate; treasurer, Charles L. Jackman; postoffice address, Concord; directors signing return, Charles L. Jackman, Josiah E. Fernald, Hattie S. Cushing.

Concord Electric Company—Principal place of business, Concord; incorporated, May 29, 1901; capital authorized, \$675,000; par value, \$100; capital issued, \$675,000; debts due corporation, \$20,120.96; debts due from corporation, \$387,030.93; assets, including debts due corporation, \$1,124,223.23; description of assets, electric plant, including land, buildings, water and steam power plants, distributing lines, cash and debts receivable, tools, machinery and supplies; treasurer, Elihu A. Bradley; postoffice address, 201 Devonshire Street, Boston, Mass.; directors signing return, Allen Hollis, Charles H. Tenney, A. B. Tenney, Horace P. Wood, Josiah E. Fernald, W. F. Thayer.



Concord Lumber Company—Principal place of business, Concord; incorporated, July 1, 1904; capital authorized, \$200,000; par value, \$10; capital issued, \$33,250; debts due corporation, \$18,082.17; debts due from corporation, \$47,917.77; assets, including debts due corporation, \$81,598.51; description of assets, timberland, mill, accounts receivable, horses and equipments, stock, lumber, wood, coal, and miscellaneous; treasurer, A. G. Stevens; postoffice address, Concord; directors signing return, A. G. Stevens, Charles E. Cook, M. T. Virgin, T. D. Pollard, M. C. Butterfield.

Concord Realty Company—Principal place of business, Concord; incorporated, May 22, 1910; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$837.41; debts due from corporation, \$694.77; assets, including debts due corporation, \$15,837.41; description of assets, block of flats; treasurer, Isaac Hill; postoffice address, Concord; directors signing return, Charles L. Fellows, Josiah E. Fernald, Isaac Hill.

Concord Real Estate Company—Principal place of business, Concord; incorporated, December 22, 1896; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due from corporation, \$21; assets, \$30,000; description of assets, real estate; treasurer, Frank M. Knowles; postoffice address, Concord; directors signing return, H. B. Roby, Charles L. Jackman, E. L. Goodwin.

Concord Shoe Factory—Principal place of business, Concord; incorporated, June 6, 1884; capital authorized, \$27,500; par value, \$100; capital issued, \$27,500; assets, \$27,973.24; description of assets, land, buildings and cash; treasurer, W. F. Thayer; postoffice address, Concord; directors signing return, William P. Fiske, Allen Hollis, W. F. Thayer.

Concord State Fair Association—Principal place of business, Concord; incorporated, April 14, 1900; capital authorized, \$18,300; par value, \$25; capital issued, \$18,300; debts due from corporation, \$12,500; assets, \$15,000; description of assets, land and buildings; treasurer, W. F. Thayer; postoffice address, Concord; directors signing return, N. J. Bachelder, Edson J. Hill, Edward N. Pearson, William D. Chandler, Norris A. Dunklee, George L. Theobald, H. H. Dudley, D. E. Murphy, W. F. Thayer.

Connecticut River Power Company of New Hampshire—Principal place of business, Hinsdale, N. H., and Brattleboro, Vt.; incorporated, June 7, 1907; capital authorized, \$2,000,000; par value, \$100; capital issued, \$2,000,000; debts due corporation, \$199,115.36; debts due

from corporation, \$534,229.17; assets, including debts due corporation, \$4,603,578.80; description of assets, hydro-electric plant at Hinsdale, transmission lines in Vermont and New Hampshire, land, flowage rights and franchises; treasurer, William W. Brooks; postoffice address, 50 Congress Street, Boston, Mass.; directors signing return, Harold E. Whitney, C. A. Harris, C. C. Fitts, William W. Brooks.

Contoocook Needle Company—Principal place of business, Contoocook; incorporated, September 2, 1902; capital authorized, \$21,000; par value, \$25; capital issued, \$19,075; debts due corporation, \$2,416.22; debts due from corporation, \$12,634.66; assets, including debts due corporation, \$19,937.63; description of assets, machinery, fixtures, stock finished, steel and wire; treasurer, E. E. Hutchinson; postoffice address, Contoocook; directors signing return, Elmer E. Sawyer, Edward I. Downing. Corporation in hands of a receiver since October 9, 1911.

Cook's Lumber Company—Principal place of business, Laconia; incorporated, May 1, 1901; capital authorized, \$66,100; par value, \$100; capital issued, \$66,100; debts due corporation, \$14,287.39; debts due from corporation, \$10,396.34; assets, including debts due corporation, \$113,568.76; description of assets, real estate, machinery, timber lots, equipment and cash; treasurer, Walter H. Sargent; postoffice address, Concord; directors signing return, Lucy M. Sargent, Walter H. Sargent, Alfred C. Wyatt.

Coos and Essex Agricultural Society—Principal place of business, Lancaster; incorporated, March 21, 1905; capital authorized, \$2,500; par value, \$2; capital issued, \$1,738; debts due corporation, \$40; debts due from corporation, \$850; assets, including debts due corporation, \$3,598.78; description of assets, real estate and cash; treasurer, Elwin Damon; postoffice address, Lancaster; directors signing return, J. B. Paul, Dana M. Rosebrook, George A. Webster, C. E. Moses, E. M. Monahan.

Coos Telephone Company—Principal place of business, Lancaster; incorporated, May 20, 1907; capital authorized, \$153,000; par value, \$25; capital issued, \$153,000; debts due corporation, \$17,948.53; debts due from corporation, \$29,649.72; reserves, \$19,630.69; assets, including debts due corporation, \$214,199.24; description of assets, telephone lines and material; treasurer, Edmund S. Willard; postoffice address, 50 Oliver Street, Boston, Mass.; directors signing return, J. N. Keller, C. T. Keller, W. J. Denver, Matt B. Jones, F. W. Story, Walter Drew.

Courier Publishing Company—Principal place of business, Rochester; incorporated, October 22, 1894; capital authorized, \$6,000; par value, \$100; capital issued, \$6,000; debts due corporation, \$2,936.41; debts due from corporation, \$1; assets, including debts due corporation, \$10,634.87; description of assets, printing presses and machinery, type, printers' materials, stock, bills receivable and cash; treasurer, Nathaniel T. Kimball; postoffice address, Rochester; directors signing return, Willis McDuffee, Charles G. Jenness, Robert V. Sweet, Nathaniel T. Kimball, Samuel D. Felker.

Currier Needle Company—Principal place of business, Manchester; incorporated, February 5, 1895; capital authorized, \$12,000; par value, \$100; capital issued, \$12,000; debts due corporation, \$2,686.87; debts due from corporation, \$2,565.21; assets, including debts due corporation, \$38,651.36; description of assets, machinery, tools and fixtures, patterns, patents, stock and merchandise in process of manufacturing, cash; treasurer, Arthur Currier; postoffice address, Manchester; directors signing return, C. Walker Jones, Aaron Jones.

D. K. Manufacturing Company—Principal place of business, Boston, Mass.; incorporated, October 13, 1892; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; description of assets, plant, patents, foundry and machinery; treasurer, Charles A. Siegemund; postoffice address, 161 Dartmouth Street, Boston, Mass.; directors signing return, Charles H. Stentiford, Charles A. Siegemund.

Dalton Power Company—Principal place of business, Lancaster; incorporated, March 16, 1897; capital authorized, \$500,000; par value, \$100; capital issued, \$350,000; debts due corporation, \$17,500; debts due from corporation, \$367,500; assets, including debts due corporation, \$741,500; description of assets, pulp and paper mills, timberlands, water power, hotel and cottages; treasurer, John F. King; postoffice address, Fitzdale, Vt.; directors signing return, George H. Parks, Porter H. Dale, Harland B. Howe.

Daniels Granite Company—Principal place of business, Milford; incorporated, August 3, 1899; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$3,574.28; debts due from corporation, \$8,642.10; assets, including debts due corporation, \$23,900.28; description of assets, real estate, quarry, machinery and stock in trade, and debts due corporation; treasurer, David L. Daniels; postoffice address, Milford; directors signing return, Henry C. Smalley, David L. Daniels, William F. Sandlun.

Derby Jewelry Company—Principal place of business, Concord; incorporated, March 23, 1908; capital authorized, \$20,000; par value, \$50; capital issued, \$20,000; debts due corporation, \$4,200; debts due from corporation, \$5,996; assets, including debts due corporation, \$22,500; description of assets, stock of jewelry, silver and merchandise; treasurer, James C. Derby; postoffice address, Concord; directors signing return, J. C. Derby, R. H. Derby.

Derryfield Realty Company—Principal place of business, Manchester; incorporated, April 30, 1906; capital authorized, \$67,500; par value, \$100; capital issued, \$67,500; debts due corporation, \$525; debts due from corporation, \$31,788.76; assets, including debts due corporation, \$103,219.18; description of assets, real estate, cash and accounts receivable; treasurer, W. B. Stearns; postoffice address, Manchester; directors signing return, William J. Hoyt, J. H. Mendell, W. M. Parker, Albert L. Clough.

Dexter Richards & Sons Company—Principal place of business, Newport; incorporated, September 26, 1904; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$11,802.80; debts due from corporation, \$126,645.07; assets, including debts due corporation, \$297,361.78; description of assets, real estate, machinery, raw stock and manufactured woolen goods; treasurer, D. Sidney Rollins; postoffice address, Newport; directors signing return, John McCrillis, D. S. Rollins, Vincent J. Brennan, Sr.

Dover Beef Company—Principal place of business, Dover; incorporated, August 23, 1887; capital authorized, \$20,000; par value, \$50; capital issued, \$20,000; debts due corporation, \$9,869.55; debts due from corporation, \$5,681.68; assets, including debts due corporation, \$25,891.99; description of assets, personal; treasurer, Frederick Porter; postoffice address, Chicago; directors signing return, Waldemar Veazie, Arthur Colby, Ralph Crews.

Dover Furniture Company—Principal place of business, Dover; incorporated, November 13, 1906; capital authorized, \$25,000; par value, \$100; capital issued, \$25,000; debts due corporation, \$12,813.75; debts due from corporation, \$15,322.21; assets, including debts due corporation, \$27,790.44; description of assets, merchandise, accounts receivable, cash, horses, wagons; treasurer, Carrie M. Estes; postoffice address, Dover; directors signing return, Arthur G. Burnham, Fred D. Hodgman.

Dux Toy Company—Principal place of business, Concord; incorporated March 1, 1909; capital authorized, \$10,000; par value, \$100;

capital issued, \$10,000; debts due corporation, \$1,800; debts due from corporation, \$2,700; assets, including debts due corporation, \$2,000; description of assets, toys, second hand machinery; treasurer, George B. Lauder; postoffice address, Concord; directors signing return, George B. Lauder, James C. Derby.

E. G. Cole Company—Principal place of business, Hampton; incorporated, February 26, 1909; capital authorized, \$11,000; par value, \$100; capital issued, \$11,000; debts due corporation, \$6,188.98; debts due from corporation, \$6,759.02; assets, including debts due corporation, \$19,540.77; description of assets, stock of goods, wares, merchandise, teams, fixtures, etc.; treasurer, Ernest G. Cole; postoffice address, Hampton; directors signing return, William Brown, Enos G. Cole, Mary E. Craig.

Eagle Factory Company—Principal place of business, Peterborough; incorporated, May 24, 1907; capital authorized, \$5,000; par value, \$50; capital issued, \$5,000; debts due corporation, \$156; assets, including debts due corporation, \$5,012.84; description of assets, real estate and cash; treasurer, A. H. Miller; postoffice address, Peterborough; directors signing return, Alvin Townsend, F. K. Longley.

East Side Company—Principal place of business, Manchester; incorporated, September 3, 1901; capital authorized, \$59,700; par value, \$100; capital issued, \$59,700; debts due from corporation, \$15,500; assets, \$82,397.74; description of assets, real estate and cash; treasurer, James A. Vaughan; postoffice address, Manchester; directors signing return, Clarence M. Edgerly, J. P. Chatel, Walter G. Africa, James A. Vaughan.

Eaton Heights Shoe Company—Principal place of business, Manchester; incorporated, May 11, 1894; capital authorized, \$20,000; par value, \$50; capital issued, \$20,000; debts due from corporation, \$10,000; assets, \$17,000; description of assets, land and buildings; treasurer, W. P. Farmer; postoffice address, Manchester; directors signing return, H. B. Fairbanks, Joseph Quirin, W. P. Farmer.

Elks Club of Berlin—Principal place of business, Berlin; incorporated January 2, 1905; capital authorized, \$1,500; par value, \$25; capital issued, \$1,500; assets, \$2,000; description of assets, club furniture; treasurer, J. P. Dubey; postoffice address, Berlin; directors signing return, Oscar P. Cole, W. E. Corbin, F. W. Farrington, John Stewart, J. A. Dickermann, Robert B. Wolf, Edward A. Steady.



Elliott Manufacturing Company—Principal place of business, Manchester; incorporated, August 5, 1892; capital authorized, \$150,000; par value, \$100; capital issued, \$150,000; debts due corporation, \$90,437.84; debts due from corporation, \$100,091.40; assets, including debts due corporation, \$517,532; description of assets, knitting mill, buildings, land, machinery, cash, merchandise, raw, in process and manufactured goods; treasurer, William F. Harrington; postoffice address, Manchester; directors signing return, Walter G. Africa, D. D. Felton, William F. Harrington, Edward Dorsey.

Elm Mills Woolen Company—Principal place of business, Northfield; incorporated, May 18, 1895; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due corporation, \$58,014.71; debts due from corporation, \$29,463.12; assets, including debts due corporation, \$146,588.44; description of assets, machinery, stock and goods raw and in process; treasurer, E. G. Morrison; postoffice address, Lowell, Mass.; directors signing return, O. G. Morrison, E. G. Morrison.

Enfield Building Association—Principal place of business, Enfield; incorporated, October 9, 1905; capital authorized, \$11,000; par value, \$100; capital issued, \$11,000; debts due corporation, several unpaid; debts due from corporation, taxes not yet known; assets, including debts due corporation, \$11,000; description of assets, land and buildings; treasurer, W. A. Wilmot; postoffice address, Enfield; directors signing return, J. C. Clough, H. M. Leeds, Stephen Laffee.

Esty Sprinkler Company—Principal place of business, Laconia; incorporated, March 15, 1893; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$14,028.01; assets, including debts due corporation, approximately \$127,000; description of assets, personal property, consisting of patents, machinery, merchandise, accounts receivable, cash, etc.; treasurer, E. H. Cate; postoffice address, Laconia; directors signing return, William Esty, Rose E. Esty, Edithe H. Cate.

Esty Watch Tool Company—Principal place of business, Laconia; incorporated, May 8, 1905; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due from corporation, none; assets, \$100,000; description of assets, personal property, consisting of patents, machinery, tools, etc.; treasurer, E. H. Cate; postoffice address, Laconia; directors signing return, William Esty, Rose E. Esty, Edithe H. Cate.



Everett Knitting Works—Principal place of business, Lebanon; incorporated, February 4, 1887; capital authorized, \$150,000; par value, \$50; capital issued, \$150,000; debts due corporation, \$1,712.22; debts due from corporation, \$127,515.67; assets, including debts due corporation, \$308,193.29; description of assets, stock, raw, wrought and in process, real estate, cash, bills due, machinery, tools and fixtures; treasurer, George S. Rogers; postoffice address, Lebanon; directors signing return, George S. Rogers, Samuel Bean, F. B. Kendrick.

Exeter Brass Works—Principal place of business, Exeter; incorporated, December 31, 1892; capital authorized, \$15,000; par value, \$50; capital issued, \$15,000; debts due corporation, \$6,253.22; debts due from corporation, \$1,984.40; assets, including debts due corporation, \$48,370.50; description of assets, patterns, tools, machinery, merchandise, cash, bills receivable, real estate, etc.; treasurer, W. Burt Folsom; postoffice address, Exeter; directors signing return, W. Burt Folsom, William H. Folsom.

Exeter Building Association—Principal place of business, Exeter; incorporated, September 5, 1884; capital authorized, \$27,600; par value, \$100; capital issued, \$27,600; debts due corporation, \$428.86; debts due from corporation, \$27,900; description of assets, land and buildings; treasurer, H. E. Gale; postoffice address, Exeter; directors signing return, Edwin G. Eastman, John W. A. Green, Charles C. Russell, John A. Towle.

Exeter and Hampton Electric Company—Principal place of business, Exeter; incorporated, April 1, 1908; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$5,658.86; debts due from corporation, \$23,757.06; assets, including debts due corporation, \$142,979.04; description of assets, land, buildings, steam and electric plant, machinery, poles, fixtures and overhead lines, lighting transformers, electric meters and arc lamps; treasurer, C. W. Rogers; postoffice address, Exeter; directors signing return, John Templeton, Harlan P. Amen, Ernest G. Cole, Allen Hollis.

Exeter Manufacturing Company—Principal place of business, Exeter; incorporated, January 22, 1828; capital authorized, \$500,000; par value, \$50; capital issued, \$325,000; debts due corporation, \$57,113.81; assets, including debts due corporation, \$641,751.46; description of assets, mill buildings, real estate, water power, tenements, cash, supplies, etc.; treasurer, Walter

M. Brewster; postoffice address, Georgetown, Mass.; directors signing return, Edwin G. Eastman, Walter M. Brewster, Charles A. Appleton, Nathan P. Hunt, Henry W. Anderson.

F. A. Carpenter Company—Principal place of business, Keene; incorporated, April 29, 1911; capital authorized, \$5,500; par value, \$100; capital issued, \$5,500; debts due corporation, \$100; debts due from corporation, \$250; assets, including debts due corporation, \$6,250; description of assets, stock in trade and fixtures; treasurer, F. A. Carpenter; postoffice address, Keene; directors signing return, F. A. Carpenter, Hattie J. Carpenter, Don J. Williams.

F. H. Prescott Company—Principal place of business, Auburn; incorporated, August 5, 1907; capital authorized, \$3,000; par value, \$25; capital issued, \$3,000; debts due corporation, \$1,359.26; assets, including debts due corporation, \$4,359.26; description of assets, dry goods, groceries and grain; treasurer, F. H. Prescott; postoffice address, Auburn; directors signing return, Simon G. Prescott, Isabelle S. Prescott.

F. M. Hoyt Shoe Company—Principal place of business, Manchester; incorporated, October 6, 1891; capital authorized, \$300,000; par value, \$100; capital issued, \$300,000; debts due corporation, \$490,160.51; debts due from corporation, \$317,368.74; assets, including debts due corporation, \$863,932.17; description of assets, real estate, machinery, stock, supplies, etc.; treasurer, H. E. Slayton; postoffice address, Manchester; directors signing return, H. E. Slayton, T. E. Cunningham, L. H. Slayton.

F. W. Coburn Company—Principal place of business, New Durham; incorporated, May 24, 1911; capital authorized, \$6,000; par value, \$100; capital issued, \$6,000; debts due corporation, \$505.27; debts due from corporation, \$1,647.70; assets, including debts due corporation, \$8,643.16; description of assets, cash, machinery, tools, merchandise, real estate, supplies, accounts receivable, horse; treasurer, Franklin W. Coburn; postoffice address, New Durham; directors signing return, Frank D. Young, Edward T. Willson.

Faulkner & Colony Manufacturing Company—Principal place of business, Keene; incorporated, January 14, 1889; capital authorized, \$100,000; par value, \$1,000; capital issued, \$100,000; debts due corporation, \$1,626.07; debts due from corporation, \$118,397.47; assets, including debts due corporation, \$489,170.49; description of assets, real estate, machinery, stock and supplies, manufactured

goods; treasurer, John C. Faulkner; postoffice address, Keene; directors signing return, Frederic A. Faulkner, John C. Faulkner, Herbert K. Faulkner.

Fenno W. Fifield & Company—Principal place of business, Rochester; incorporated, February 19, 1900; capital authorized, \$4,000; par value, \$100; capital issued, \$4,000; debts due corporation, \$460.97; debts due from corporation, \$320; assets, including debts due corporation, \$5,000; description of assets, printing material, etc.; treasurer, F. L. Shapleigh; postoffice address, Rochester; directors signing return, Fenno W. Fifield, F. L. Shapleigh.

Flanders Hardware Company—Principal place of business, North Weare; incorporated, November 13, 1911; capital authorized, \$10,000; par value, \$50; capital issued, \$10,000; debts due corporation, \$742.62; debts due from corporation, \$1,223.73; assets, including debts due corporation, \$12,742.62; description of assets, real estate, water power, machinery, lumber, patterns, cash, accounts; treasurer, W. W. Flanders; postoffice address, North Weare; directors signing return, M. A. Flanders, W. W. Flanders.

Fletcher Furniture Company—Principal place of business, Nashua; incorporated, February 1, 1878; capital authorized, \$40,000; par value, \$100; capital issued, \$40,000; debts due corporation, \$3,300; debts due from corporation, \$2,657.97; assets, including debts due corporation, \$42,000; description of assets, real estate, machinery, lumber, and goods made and in process; treasurer, J. M. Fletcher; postoffice address, Nashua; directors signing return, J. M. Fletcher, H. W. Webster, W. F. McCarty, George H. Parker, C. L. Barnard.

Fletcher Real Estate Company—Principal place of business, Nashua; incorporated, July 1, 1910; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due corporation, \$70.60; debts due from corporation, \$1,919; assets, including debts due corporation, \$33,211.46; description of assets, real estate; treasurer, J. M. Fletcher; postoffice address, Nashua; directors signing return, J. M. Fletcher, A. S. Wallace, G. W. Buzzell, Mrs. E. E. Parker, Mrs. C. L. Barnard.

Ford Foundry Company—Principal place of business, Concord; incorporated, February 24, 1911; capital authorized, \$22,000; par value, \$100; capital issued, \$22,000; debts due corporation, \$5,914.53; debts due from corporation, \$13,944.55; assets, including debts due corporation, \$37,319.14; description of assets, real estate,

cash, material and supplies used in the manufacture of ranges, stoves and sinks; treasurer, Albert I. Foster; postoffice address, 165 North Main Street, Concord; directors signing return, John W. Storrs, Albert I. Foster, Edward D. Storrs.

Forest Improvement Company—Principal place of business, Concord; incorporated, July 14, 1909; capital authorized, \$6,000; par value, \$100; capital issued, \$6,000; debts due from corporation, \$3,150; assets, \$13,000; description of assets, real estate, timber, cash; treasurer, Allen Hollis; postoffice address, Concord; directors signing return, Allen Hollis, Levin J. Chase.

Fowler-Norwood-Green Company—Principal place of business, Keene; incorporated, July 1, 1911; capital authorized, \$60,000; par value, \$100; capital issued, \$60,000; debts due corporation, \$11,061.51; debts due from corporation, \$39,748.31; assets, including debts due corporation, \$105,434.19; description of assets, real estate, machinery, lumber manufactured and unmanufactured, boxes manufactured and in the process of manufacture; treasurer, Charles K. Whitecomb; postoffice address, Keene; directors signing return, Herschel J. Fowler, Charles K. Whitecomb, Leon C. Norwood.

Frank Hartshorn Company—Principal place of business, Milford; incorporated, August 12, 1910; capital authorized, \$50,000; par value, \$100; capital issued, \$50,000; debts due corporation, \$8,326.94; debts due from corporation, \$1,954.11; assets, including debts due corporation, \$81,695.09; description of assets, real estate, lumber, machinery, tools; treasurer, H. M. Hartshorn; postoffice address, Milford; directors signing return, Frank Hartshorn, Lucy A. Wilkins, Harold H. Wilkins.

French & Heald Company—Principal place of business, Milford; incorporated, October 6, 1908; capital authorized, \$85,000; par value, \$100; capital issued, \$85,000; debts due corporation, \$42,920.14; debts due from corporation, \$59,018.41; assets, including debts due corporation, \$141,878.49; description of assets, real estate, machinery, finished furniture, goods in process, raw material; treasurer, Edward N. Brown; postoffice address, Boston, Mass.; directors signing return, L. A. French, Edward N. Brown, R. G. Lopans, Jr.

G. N. Bartemus Company—Principal place of business, Concord; incorporated, April 8, 1911; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due corporation, \$19,634.73; debts due from corporation, \$25,297.11; assets, including debts due

corporation, \$59,537.41; description of assets, real estate, merchandise and fixtures, accounts receivable, cash; treasurer, G. N. Bartemus; postoffice address, Concord; directors signing return, G. C. Bailey, G. N. Bartemus, J. E. Fernald.

Gem Theatre Company—Principal place of business, Berlin; incorporated, November 12, 1909; capital authorized, \$9,000; par value, \$100; capital issued, \$9,000; debts due from corporation, \$8,000; assets, \$17,000; description of assets, real estate, theatre equipment; treasurer, Eddie O. Gilbert; postoffice address, Berlin; directors signing return, Edw. A. Steady, J. A. Wagner, William G. Dupont, T. E. Lemieux.

George D. Mayo Machine Company—Principal place of business, 88 Pearl Street, Boston, Mass.; incorporated, January 20, 1903; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$81,541.72; debts due from corporation, \$32,146.22; assets, including debts due corporation, \$517,414.17; description of assets, knitting machinery; treasurer, Philip M. Reynolds; postoffice address, 88 Pearl Street, Boston, Mass.; directors signing return, Robert W. Scott, John S. Lawrence.

George W. Blanchard & Son Company—Principal place of business, Berlin; incorporated, November 10, 1892; capital authorized, \$200,000; par value, \$100; capital issued, \$200,000; debts due corporation, \$7,878.33; assets, including debts due corporation, \$205,538.56; description of assets, real estate, timberlands, horses, merchandise, logging equipment, etc.; treasurer, M. F. Blanchard; postoffice address, Portland, Me.; directors signing return, M. F. Blanchard, John A. Morrill, Thomas L. Marble.

Girouard Granite Company—Principal place of business, Nashua; incorporated, October 26, 1911; capital authorized, \$3,000; par value, \$100; capital issued, \$2,100; debts due corporation, \$410; assets, including debts due corporation, \$2,293; description of assets, quarry, derricks, tools, wagon, and real estate; treasurer, Peter Girouard, Jr.; postoffice address, Nashua; directors signing return, Peter Girouard, Jr., Joseph Girouard, Piere Girouard.

Glines & Stevens Company—Principal place of business, Franklin; incorporated, April 1, 1910; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due corporation, \$4,972.84; debts due from corporation, \$12,609.16; assets, including debts due corporation, \$30,427.26; description of assets, machinery, lumber, etc.;



treasurer, John S. Shepard; postoffice address, Franklin; directors signing return, W. M. Glines, Arthur A. Stevens, John S. Shepard.

Globe Manufacturing Company—Principal place of business, Pittsfield; incorporated, April 13, 1911; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$9,576.45; debts due from corporation, \$4,424.06; assets, including debts due corporation, \$21,680.16; description of assets, machinery, merchandise and supplies; treasurer, Courtland F. H. Freese; postoffice address, Pittsfield; directors signing return, Burt W. Carr, Courtland F. H. Freese.

Governor's Island Company—Principal place of business, Derry; incorporated, July 28, 1909; capital authorized, \$24,000; par value, \$1,000; capital issued, \$24,000; debts due from corporation, \$2,000; assets, \$5,000; description of assets, wood and timberland; treasurer, Arthur M. Emerson; postoffice address, Derry; directors signing return, George G. Adams, John P. Sweeney, W. A. Gabeler.

Grafton Power Company—Principal place of business, Littleton; incorporated, January 28, 1910; capital authorized, \$1,000,000; par value, \$5,000; capital issued, \$5,000; description of assets, franchises, real estate and options; treasurer, D. C. Remich; postoffice address, Littleton; directors signing return, C. C. Fitts, D. C. Remich.

Grand Union Tea Company—Principal place of business, 68 Jay Street, Brooklyn, N. Y.; incorporated, December 31, 1900; capital authorized, \$1,000,000; par value, \$100; capital issued, \$1,000,000; debts due corporation, \$407,506.49; debts due from corporation, \$1,133,500.05; assets, including debts due corporation, \$2,473,822.63; description of assets, merchandise, store and delivery equipment, cash and accounts receivable; treasurer, Arthur A. Jones; postoffice address, 68 Jay Street, Brooklyn, N. Y.; directors signing return, Arthur A. Jones, Harry P. Jones, Clarence F. Westin, Louis A. Haselmayer.

Grange Block Company of Rochester, N. H.—Principal place of business, Rochester; incorporated, December 13, 1888; capital authorized, \$12,000; par value, \$100; capital issued, \$12,000; debts due corporation, current rents; assets, including debts due corporation, \$12,000; description of assets, real estate and personalty; treasurer, George H. Springfield; postoffice address, Rochester; direct-



ors signing return, Victor E. Page, Charles C. Torr, George H. Torr, George H. Springfield.

Granite Block Company—Principal place of business, Peterborough; incorporated, May 2, 1903; capital authorized, \$12,000; par value, \$100; capital issued, \$10,000; debts due from corporation, \$11,000; assets, \$15,000; description of assets, building; treasurer, Charles H. F. Perry; postoffice address, Peterborough; directors signing return, James F. Brennan, L. P. Wilson.

Granite State Lumber Company—Principal place of business, Newport; incorporated, August 23, 1906; capital authorized, \$12,000; par value, \$100; capital issued, \$12,000; assets, \$12,153.69; description of assets, real estate and cash; treasurer, P. A. Johnson; postoffice address, Newport; directors signing return, P. A. Johnson, George A. Fairbanks, George H. Bartlett.

Granite State Mowing Machine Company—Principal place of business, Hinsdale; incorporated, October 1, 1903; capital authorized, \$40,000; par value, \$100; capital issued, \$32,000; debts due corporation, \$4,353.35; debts due from corporation, \$13,073.77; assets, including debts due corporation, \$49,321.51; description of assets, real estate, machinery, tools, cash, bills receivable and stock, raw, wrought and in process; treasurer, W. S. Howe; postoffice address, Hinsdale; directors signing return, F. W. Tilden, Herbert T. Fisher.

Granular Metal Company of Nashua—Principal place of business, Roxbury, Mass.; incorporated, April 8, 1880; capital authorized, \$150,000; par value, \$10; capital issued, \$106,400; debts due corporation, \$7,281.38; debts due from corporation, \$4,032.67; assets, including debts due corporation, \$35,309.67; description of assets, cash, real estate, merchandise and foundry; treasurer, O. W. Farrar; postoffice address, 77 Farnham Street, Roxbury, Mass.; directors signing return, Peter E. Strauss, O. W. Farrar.

Grover File Company—Principal place of business, Nashua; incorporated, March 1, 1906; capital authorized, \$10,000; par value, \$100; capital issued, \$7,400; debts due corporation, \$7,047.04; debts due from corporation, \$10,476.43; assets, including debts due corporation, \$21,748.85; description of assets, files, hack-saws, saws and general mill supplies; treasurer, O. M. Flather; postoffice address, 36 Berkeley Street, Nashua; directors signing return, Frank Flather, Samuel Dearborn.

Hampton Water Works Company—Principal place of business, Hampton; incorporated, August 14, 1889; capital authorized, \$200,000; par value, \$100; capital issued, \$37,000; debts due corporation, \$513.76; debts due from corporation, \$27,500; assets, including debts due corporation, \$69,504.58; description of assets, real estate, franchise, stand-pipe, pumping station, equipment, tools, etc.; treasurer, Ernest G. Cole; postoffice address, Hampton; directors signing return, Edwin G. Eastman, John G. Cutler, Ernest G. Cole, John Seammon.

Hanover Street Laundry Company—Principal place of business, Manchester; incorporated, January 31, 1911; capital authorized, \$5,000; par value, \$25; capital issued, \$5,000; debts due corporation, \$1,134.15; debts due from corporation, \$500; assets, including debts due corporation, \$6,134.15; description of assets, laundry machinery, etc.; treasurer, Joseph H. Geisel; postoffice address, 137 Hanover Street, Manchester; directors signing return, James Geisel, Thomas B. Donnelly, J. H. Geisel.

H. B. Needham Basket Company—Principal place of business, Peterborough; incorporated, March 21, 1906; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due corporation, \$6,729.40; debts due from corporation, \$5,150.72; assets, including debts due corporation, \$42,846.77; description of assets, real estate, machinery, tools, stock and cash; treasurer, H. B. Needham; postoffice address, Peterborough; directors signing return, A. Townsend, H. B. Needham.

Henniker Telephone Company—Principal place of business, Henniker; incorporated, August 4, 1904; capital authorized, \$6,500; par value, \$25; capital issued, \$6,500; debts due corporation, \$400; assets, including debts due corporation, \$3,690; description of assets, telephone plant; treasurer, George H. Sanborn; postoffice address, Henniker; directors signing return, Fred T. Connor, W. O. Folsom, Elwin T. Bacon.

Henry Paper Company—Principal place of business, Lincoln; incorporated, September 1, 1904; capital authorized, \$300,000; par value, \$1,000; capital issued, \$300,000; debts due corporation, \$121,372.87; debts due from corporation, \$95,625.85; assets, including debts due corporation, \$729,275.46; description of assets, real estate and plant, furniture and fixtures, supplies and manufactured goods; treasurer, C. B. Henry; postoffice address, Lincoln; directors signing return, J. H. Henry, G. E. Henry.

Home Investment Company—Principal place of business, Concord; incorporated, February 28, 1898, capital authorized, \$25,500; par value, \$100; capital issued, \$25,500; debts due corporation, \$16; debts due from corporation, \$2.65; assets, including debts due corporation, \$25,516; description of assets, real estate; treasurer, Frank M. Knowles; postoffice address, Concord; directors signing return, H. B. Roby, F. H. Rowe, E. L. Goodwin.

Ideal Manufacturing Company—Principal place of business, Tilton; incorporated, January 4, 1893; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$20,566.61; debts due from corporation, \$264.70; assets, including debts due corporation, \$100,634.45; description of assets, real estate, machinery, manufactured and unmanufactured goods, bank and book accounts; treasurer, A. B. Davis; postoffice address, Tilton; directors signing return, Frank Hill, A. B. Davis, Arthur T. Cass, George D. Mowe.

Impervious Package Company—Principal place of business, Keene; incorporated, June 26, 1883; capital authorized, \$50,000 (pref., r't'd), \$60,000 (common); par value, \$100; capital issued, \$110,000; debts due corporation, \$9,238.06; debts due from corporation, \$17,682.01; assets, including debts due corporation, \$82,000.62; description of assets, mills and machinery, real estate, stock manufactured and in process of manufacture, book accounts; acting treasurer, E. A. Ellis; postoffice address, Keene; directors signing return, J. H. Batchelder, Bertram Ellis, O. E. Cain.

International Paper Company—Principal place of business, Corinth, N. Y.; incorporated, January 31, 1898; capital authorized, \$20,000,000 (common), \$25,000,000 (preferred); par value, \$100; capital issued, \$39,849,500; debts due corporation, \$5,125,330.78; debts due from corporation, \$22,451,119.82; assets, including debts due corporation, \$71,946,698.19; description of assets, real estate and personal property situated chiefly in the States of New York, Maine, Massachusetts and Vermont, and only a comparatively small part in the State of New Hampshire; treasurer, A. G. Burbank; postoffice address, 30 Broad Street, New York, N. Y.; directors signing return, A. G. Burbank, F. B. Jennings, F. S. Flower, R. Pajenstecher, Benjamin Strong, Jr., G. F. Underwood, Samuel L. Fuller.

J. A. Potvin Company—Principal place of business, Nashua; incorporated March 1, 1909; capital authorized, \$19,500; par value, \$100; capital issued, \$19,500; debts due from corporation, \$6,800; assets, \$15,200; description of assets, furniture, tea, coffee, gro-

ceries, etc.; treasurer, J. A. Potvin; postoffice address, 88 Vine Street, Nashua; director signing return, Dora Chase.

J. C. Derby Company—Principal place of business, Concord; incorporated, May 25, 1899; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due corporation, \$2,344.81; debts due from corporation, \$2,062.18; assets, including debts due corporation, \$35,369.20; description of assets, jewelry, diamonds, etc.; treasurer, H. B. Roby; postoffice address, Concord; directors signing return, F. M. Knowles, B. C. White, J. E. Dwight.

J. C. Mandelson Company—Principal place of business, Nashua; incorporated, February 4, 1908; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due corporation, \$1,271.02; debts due from corporation, \$5,419.82; assets, including debts due corporation, \$14,161.06; description of assets, clothing, furnishings, fixtures, cash; treasurer, J. C. Mandelson; postoffice address, Nashua; directors signing return, J. C. Mandelson, M. Mandelson, E. Mandelson.

J. E. Henry & Sons Company—Principal place of business, Lincoln; incorporated, November 4, 1903; capital authorized, \$1,000,000; par value, \$100; capital issued, \$1,000,000; debts due corporation, \$271,213; debts due from corporation, \$108,537; assets, including debts due corporation, \$3,106,389; description of assets, timberlands, sawmill, pulp mills, railroad, store, etc.; treasurer, J. H. Henry; postoffice address, Lincoln; directors signing return, G. E. Henry, J. H. Henry, Alfred Stanley.

J. H. Mendell Company—Principal place of business, Manchester; incorporated, May 9, 1906; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due corporation, \$60,682.43; debts due from corporation, \$23,614.13; assets, including debts due corporation, \$80,600; description of assets, buildings, building materials, tools and builders' appliances; treasurer, James H. Mendell; postoffice address, Manchester; directors signing return, James H. Mendell, F. E. Pettigrew, G. W. Turney.

J. M. Stewart & Sons Company—Principal place of business, Concord; incorporated, February 20, 1891; capital authorized, \$44,000; par value, \$100; capital issued, \$44,000; debts due corporation, \$14,166.75; debts due from corporation, \$20,276.34; assets, including debts due corporation, \$47,057.39; description of assets, house furnishings; treasurer, W. A. Capen; postoffice address, 122-128

North Main Street, Concord; directors signing return, George W. Bunker, I. E. Lull, W. A. Capen, Lillian F. Andrews.

Jackman & Lang—Principal place of business, Concord; incorporated, November 10, 1908; capital authorized, \$2,500; par value, \$100; capital issued, \$2,500; debts due corporation, \$1,309.43; debts due from corporation, \$2,354.45; assets, including debts due corporation, \$3,874.68; description of assets, stocks and premiums in course of collection; treasurer, Charles L. Jackman; postoffice address, Concord; directors signing return, Lyman Jackman, Freeman T. Jackman, Charles L. Jackman.

James H. Chase Associates—Principal place of business, Concord; incorporated, November 4, 1910; capital authorized, \$102,000; par value, \$100; capital issued, \$102,000; debts due corporation, \$1,940.69; debts due from corporation, \$2,489.96; assets, including debts due corporation, \$104,027.02; description of assets, real estate; treasurer, Benjamin C. White; postoffice address, Concord; directors signing return, Mabel C. White, Benjamin C. White.

James W. Hill Company—Principal place of business, Manchester; incorporated, September 1, 1891; capital authorized, \$40,000; par value, \$100; capital issued, \$40,000; debts due corporation, \$668.66; debts due from corporation, \$10,625.51; assets, including debts due corporation, \$112,495.39; description of assets, dry and fancy goods, ladies' and men's and children's furnishings, ladies' and children's cloaks and suits, millinery, curtains, bric-brac and notions; treasurer, James W. Hill; postoffice address, Manchester; directors signing return, James W. Hill, Hugh W. Flack, Sallie M. Hill.

Johnson Lumber Company—Principal place of business, Johnson; incorporated, October 28, 1905; capital authorized, \$120,000; par value, \$100; capital issued, \$120,000; debts due corporation, \$15,610.48; debts due from corporation, \$113,562.29; assets, including debts due corporation, \$284,432.63; description of assets, cash, accounts receivable, timberland, logs, lumber, wood, live stock, mill, logging and mill supplies and utensils, store goods and real estate; treasurer, Harry B. Stebbins; postoffice address, 70 Kilby Street, Boston, Mass.; directors signing return, Herbert Stebbins, George L. Johnson, Harry B. Stebbins.

Johnson & Son—Principal place of business, Franklin; incorporated, January 17, 1907; capital authorized, \$15,000; par value,



\$100; capital issued, \$15,000; debts due corporation, \$2,687.40; debts due from corporation, \$4,421.80; assets, including debts due corporation, \$19,645.24; description of assets, grain, real estate, machinery, and team; treasurer, A. J. Davis; postoffice address, Franklin; directors signing return, Alvah J. Davis, Vesta J. Davis, Louise G. Davis, Harry D. Davis.

Jones & Linscott Electric Company—Principal place of business, Lancaster; incorporated, June 1, 1908; capital authorized, \$40,000; par value, \$100; capital issued, \$40,000; debts due corporation, \$2,504.63; debts due from corporation, \$16,347.57; assets, including debts due corporation, \$53,774.04; description of assets, electric power and light plant; treasurer, Fred S. Linscott; postoffice address, Lancaster; directors signing return, H. H. Jones, Fred S. Linscott, Merrill Shurtleff, W. H. McCarten, C. W. Sleeper.

Jordan Restaurant Company—Principal place of business, 45 Hanover Street, Manchester; incorporated, June 6, 1907; capital authorized, \$5,000; par value, \$25; capital issued, \$5,000; debts due corporation, \$177; debts due from corporation, \$228.25; assets, including debts due corporation, \$807.60; description of assets, restaurant and fixtures; treasurer, James W. Pattee; postoffice address, 45 Hanover Street, Manchester; directors signing return, James W. Pattee, Elisabeth B. Hadley, George A. Hadley.

Kearsarge Telephone Company—Principal place of business, Salisbury; incorporated, July 24, 1899; capital authorized, \$15,000; par value, \$25; capital issued, \$11,850; debts due corporation, \$350; debts due from corporation, \$2,500; assets, including debts due corporation, \$6,000; description of assets, telephone lines, fixtures and office building; treasurer, Thomas R. Little; postoffice address, Salisbury; directors signing return, Thomas R. Little, James E. Shepard, Buron W. Sanborn, Edward N. Sawyer, Wilton P. Graves.

Keene Dairy Exchange—Principal place of business, Roxbury Street, Keene; incorporated, December 15, 1910; capital authorized, \$3,000; par value, \$50; capital issued, \$3,000; debts due corporation, \$1,453.02; debts due from corporation, \$1,022.69; assets, including debts due corporation, \$4,587.48; description of assets, store fixtures, delivery teams and dairy products, bank deposits; treasurer, Elbert F. Marshall; postoffice address, Keene; directors signing return, Arthur J. Holden, Charles W. Wilber, Daniel Wilder.



Keene Gas and Electric Company—Principal place of business, Keene; incorporated, July 25, 1860; capital authorized, \$500,000; par value, \$100; capital issued, \$200,000; debts due corporation, \$428,622; debts due from corporation, \$355,800; assets, including debts due corporation, \$653,102.43; description of assets, manufacturing and distribution of gas and electricity; treasurer, G. M. Rossman; postoffice address, Keene; directors signing return, W. H. Elliot, G. M. Rossman, W. R. Porter, W. L. Mason, Philip H. Faulkner.

Keene Hoop Company—Principal place of business, Keene; incorporated, August 19, 1911; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due corporation, \$9,330.21; debts due from corporation, \$6,665.99; assets, including debts due corporation, \$21,747.16; treasurer, Fred C. Gluck; postoffice address, Keene; directors signing return, Lucy J. Crossfield, Fred C. Gluck.

Kimball Carriage Company—Principal place of business, Manchester; incorporated, February 1, 1891; capital authorized, \$40,000; par value, \$100; capital issued, \$40,000; debts due corporation, \$28,680.63; debts due from corporation, \$34,394.19; assets, including debts due corporation, \$74,586.84; description of assets, real estate, accounts and notes receivable, merchandise, tools, machinery and fixtures, cash; treasurer, D. S. Kimball; postoffice address, Manchester; directors signing return, William G. Berry, James F. Cavanaugh.

Laconia Car Company Works—Principal place of business, Boston, Mass.; incorporated, February 27, 1897; capital authorized, \$12,000; par value, \$100; capital issued, \$12,000; assets, \$15,462.79; description of assets, bonds; treasurer, P. W. Whittemore; postoffice address, 141 Milk Street, Boston, Mass.; directors signing return, P. W. Whittemore, S. M. Merrill.

Laconia Gas and Electric Company—Principal place of business, Laconia; incorporated, April 20, 1910; capital authorized, \$400,000; par value, \$100; capital issued, \$400,000; debts due corporation, \$5,117.53; debts due from corporation, \$380,010.52; assets, including debts due corporation, \$799,195.73; description of assets, manufacturing and distribution of gas and electricity; treasurer, G. M. Rossman; postoffice address, Keene; directors signing return, W. L. Mason, G. M. Rossman, Allen Hollis.

Laconia Light and Power Company—Principal place of business, Laconia; incorporated, March 9, 1905; capital authorized, \$500,000; par value, \$100; capital issued, none; treasurer, Edmund Little; postoffice address, Laconia; directors signing return, Samuel B. Smith, L. S. Pierce, Edmund Little.

Laconia Needle Company—Principal place of business, Laconia; incorporated, July 25, 1907; capital authorized, \$10,000; par value, \$25; capital issued, \$10,000; debts due corporation, \$2,835.60; debts due from corporation, \$4,585.77; assets, including debts due corporation, \$23,357.12; description of assets, machinery, stock in trade, and property incident to needle making; treasurer, Walter L. Huse; postoffice address, Laconia; directors signing return, John T. Busiel, Walter L. Huse, Frank E. Busiel.

Laconia Press Association—Principal place of business, Laconia; incorporated, January 3, 1898; capital authorized, \$12,600; par value, \$100; capital issued, \$12,600; debts due corporation, \$5,000; debts due from corporation, none; assets, including debts due corporation, \$15,000; description of assets, newspaper and printing plant, book accounts, subscription list, etc.; treasurer, A. W. Dinsmoor; postoffice address, Laconia; directors signing return, Charles W. Vaughan, Albert P. Brown, Florence E. Vaughan.

Laconia Water Company—Principal place of business, Laconia; incorporated, September 7, 1883; capital authorized, \$150,000; par value, \$50; capital issued, \$142,000; debts due corporation, \$13,832.70; debts due from corporation, \$23,846.55; assets, including debts due corporation, \$190,735.04 (book value); description of assets, pumps, mains, real estate, etc.; treasurer, Edmund Little; postoffice address, Laconia; directors signing return, Stanton Owen, Charles B. Hibbard, Frank P. Webster, Edmund Little.

Lake Land Company—Principal place of business, Nashua; incorporated, June 8, 1892; capital authorized, \$5,000; par value, \$50; capital issued, \$5,000; debts due from corporation, \$50; assets, \$5,000; description of assets, real estate; treasurer, J. M. Fletcher; postoffice address, Nashua; directors signing return, J. M. Fletcher, David Stevens, E. O. Fifield, L. Grace Fifield, Jennie P. French.

Lakeport Steam Laundry—Principal place of business, Laconia; incorporated, August 16, 1910; capital authorized, \$5,000; par value, \$25; capital issued, \$5,000; debts due corporation, \$1,265.25; debts due from corporation, \$3,475; assets, including debts due corpora-

tion, \$8,265.25; treasurer, Richard M. Jenkins; postoffice address, Laconia; directors signing return, John T. Jenkins, Richard M. Jenkins.

Lake Tarleton Club—Principal place of business, Pike; incorporated, July 29, 1910; capital authorized, \$50,000; par value, \$100; capital issued, \$50,000; debts due corporation, \$508.44; debts due from corporation, \$102,162.87; assets, including debts due corporation, \$145,185.87; description of assets, club house and buildings, real estate, furniture, furnishings, cash, accounts receivable and supplies; treasurer, Frank P. Cobb; postoffice address, Pike; directors signing return, E. Bertram Pike, Allen Hollis, Frank S. Streeter, George M. Watson, John M. Gile.

Lancaster Garage and Auto Company—Principal place of business, Lancaster; incorporated, August 3, 1910; capital authorized, \$6,000; par value, \$100; capital issued, \$6,000; debts due corporation, \$1,863.34; debts due from corporation, \$10,616.99; assets, including debts due corporation, \$18,345.81 (book value); description of assets, real estate, stock of automobiles and accessories, tools, machinery and fixtures, book accounts and cash; treasurer, Fred C. Cleveland; postoffice address, Lancaster; directors signing return, Fred C. Cleveland, Merrill Shurtleff, William W. Bass, Henry P. Kent.

Lancaster and Jefferson Electric Company—Principal place of business, Lancaster; incorporated, September 14, 1898; capital authorized, \$40,000; par value, \$100; capital issued, \$40,000; debts due corporation, \$1,105.37; debts due from corporation, \$44,497.45; assets, including debts due corporation, \$85,105.37; description of assets, real estate, water rights and electrical apparatus; treasurer, E. M. Bowker; postoffice address, Whitefield; directors signing return, F. B. Lewis, V. H. Dodge, E. M. Bowker.

Leather Lined Bearing Company—Principal place of business, Nashua; incorporated, September 13, 1911; capital authorized, \$100,000; par value, \$25; treasurer, Joseph L. Clough; postoffice address, Nashua; directors signing return, Frank Robinson, Frank J. Finning.

Lebanon Automobile Company—Principal place of business, Lebanon; incorporated, January 19, 1910; capital authorized, \$15,000, (150 shares of stock not issued); par value, \$100; capital issued, \$15,000; debts due corporation, \$2,048.50; debts due from corporation, \$11,572.83; assets, including debts due corporation, \$22,810.13;

description of assets, real estate, machinery, automobiles, supplies, etc.; treasurer, F. A. Smith; postoffice address, Lebanon; directors signing return, F. A. Smith, E. Bertram Pike.

Lebanon Electric Light and Power Company—Principal place of business, Lebanon; incorporated, June 19, 1890; capital authorized, \$18,000; par value, \$50; capital issued, \$18,000; debts due corporation, \$8,403.68; debts due from corporation, \$1,267.80; assets, including debts due corporation, \$41,252.32; description of assets, cash, real estate, plant, supplies, accounts receivable; treasurer, Henry M. Day; postoffice address, Lebanon; directors signing return, George S. Rogers, C. D. Smith, Frank C. Churchill, I. N. Perry.

Leonard Medicine Company—Principal place of business, 422 Maple Street, Manchester; incorporated, July 28, 1912; capital authorized, \$25,000; par value, \$25; capital issued, \$1,745.32; debts due corporation, \$113.26; debts due from corporation, \$50; assets, including debts due corporation, \$1,908.58; description of assets, formulas, stock, cash, good-will; treasurer, George P. Wallace; postoffice address, Manchester; directors signing return, George P. Wallace, Frederick L. Wallace, Fred A. Wallace.

Leighton Machine Company—Principal place of business, Manchester; incorporated, March 20, 1894; capital authorized, \$50,000; par value, \$100; capital issued, \$50,000; debts due corporation, \$10,643.49; debts due from corporation, \$2,942.36; bills payable, \$25,000; assets, including debts due corporation, \$134,025.68; description of assets, machinery, tools, machines in process and supplies, patents, patterns, real estate, building, cash; treasurer, J. H. Rice; postoffice address, Manchester; directors signing return, J. H. Rice, A. B. Gould.

L. H. Pillsbury & Son—Principal place of business, Derry; incorporated, August 5, 1911; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$5,000; debts due from corporation, \$10,130.77; assets, including debts due corporation, \$25,437.09; description of assets, stock of furniture, general house furnishing goods, fixtures and book accounts; treasurer, Ambrose B. Pillsbury; postoffice address, Derry; directors signing return, Florence M. Pillsbury, Leonard H. Pillsbury.

Linseott-Tyler-Wilson Company—Principal place of business, Rochester; incorporated October 20, 1906; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$71,038.91; debts due from corporation, \$197,636.77; assets, including debts due corporation, \$302,127.68; description of assets, merchandise, machinery, real estate, cash and accounts receivable; treasurer, Robert G. Wilson; postoffice address, 167 Lincoln Street, Boston, Mass.; directors signing return, Albert H. Linseott, Daniel Tyler, Robert G. Wilson.

Littleton Realty Company—Principal place of business, Littleton; incorporated, September 3, 1909; capital authorized, \$31,000; par value, \$50; capital issued, \$31,000; debts due corporation, \$11.63; debts due from corporation, \$31,000 (bonds); assets, including debts due corporation, \$62,053.13; description of assets, real estate, factory building, cash; treasurer, H. E. Richardson; postoffice address, Littleton; directors signing return, F. H. Dodge, G. W. McGregor, Robert Tuttle, L. Bean, George H. Tilton.

Lyme Creamery Company—Principal place of business, Lyme; incorporated, May 18, 1888; capital authorized, \$2,500; par value, \$25; capital issued, \$1,900; assets, \$3,500; description of assets, sinking fund estimated at \$1,000, buildings and machinery for making butter, \$2,500; treasurer, E. F. Morrill; postoffice address, Lyme; directors signing return, Clarence S. Steele, Carroll S. Wells, Charles D. Pushee.

Madison Local Telephone Company—Principal place of business, Madison; incorporated, November 27, 1905; capital authorized, \$1,000; par value, \$25; capital issued, \$625; debts due corporation, \$275.59; debts due from corporation, \$123.07; assets, including debts due corporation, \$1,605.35; description of assets, telephone lines and equipments; treasurer, Bertwell P. Gerry; postoffice address, Madison; directors signing return, John F. Chick, Frank B. Nason, Leon O. Gerry.

Manchester Battalion Rifle Range Association—Principal place of business, Manchester; incorporated, November 21, 1905; capital authorized, \$3,500; par value, \$500; capital issued, \$3,500; debts due from corporation, \$200; assets, \$7,000; description of assets, rifle range, land and buildings; treasurer, E. A. G. Smith; postoffice address, Manchester; directors signing return, William Sullivan, Sylvio Leclerc, Eugene T. Sherburne, John H. Irving.



Manchester Cement Block and Concrete Company—Principal place of business, Manchester; incorporated, May 4, 1907; capital authorized, \$5,000; par value, \$100; capital issued, \$5,000; debts due corporation, \$1,320.71; debts due from corporation, \$800; assets, including debts due corporation, \$4,320.71; description of assets, buildings, tools for making cement blocks and concrete work; treasurer, George C. Vail; postoffice address, Manchester; directors signing return, E. G. Libby, James F. Cavanaugh.

Manchester Coal and Ice Company—Principal place of business, Manchester; incorporated, June 28, 1895; capital authorized, \$25,000; par value, \$100; capital issued, \$25,000; debts due corporation, \$14,271.29; assets, including debts due corporation, \$38,818.32; description of assets, coal, wood and ice; treasurer, Albert J. Precourt; postoffice address, Manchester; directors signing return, William Marcotte, Eugene Quirin, Albert J. Precourt.

Manchester Electric Light Company—Principal place of business, Manchester; incorporated, June 3, 1896; treasurer, Philip L. Saltonstall; postoffice address, 53 State Street, Boston; directors signing return, S. Reed Anthony, Philip L. Saltonstall, J. Brodie Smith, Edwin F. Jones, Walter M. Parker. "The entire assets of this Company have been sold and transferred to the Manchester Traction, Light and Power Company, and the proceeds of the sale distributed among the stockholders. All its indebtedness has been paid except \$250,000 bonds, which are secured by a mortgage on the property formerly belonging to this Company and subject to which the property was conveyed to the Manchester Traction, Light and Power Company."

Manchester Opera House Company—Principal place of business, Manchester; incorporated, February 26, 1880; capital authorized, \$40,000; par value, \$100; capital issued, all; assets, \$52,651.61; description of assets, real estate and theatrical fixtures; treasurer, Edward W. Harrington; postoffice address, Manchester; directors signing return, John P. Bartlett, Edward W. Harrington, George W. Corliss, Edward L. Cushing.

Manchester Sanitarium Company—Principal place of business, Manchester; incorporated, February 12, 1900; capital authorized, \$5,000; par value, \$50; capital issued, \$5,000; debts due from corporation, \$1,890.74; assets, \$1,030; description of assets, right to use "Springer Gold Cure" in New Hampshire; treasurer, E. W. Poore; postoffice address, 678 Elm Street, Manchester; directors signing return, W. G. Africa, James F. Cavanaugh, W. C. Patten.



Manchester Shoe Manufacturing Company.—Principal place of business, Manchester; incorporated, July 7, 1885; capital authorized, \$40,000; par value, \$50; capital issued, \$38,620; assets, \$40,128.45; description of assets, land, buildings, and cash; treasurer, William O. McAllister; postoffice address, Manchester; directors signing return, J. G. Ellinwood, H. H. Burpee, C. M. Platts, Charles C. Hayes.

Manchester Stocking Company.—Principal place of business, Manchester; incorporated, January 10, 1902; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due from corporation, \$2,832.98; assets, \$18,410.06; description of assets, cash on hand and in bank, machinery, manufactured goods, goods in the process of manufacture, stock, fuel and factory supplies; treasurer, H. P. Ray; postoffice address, Manchester; directors signing return, H. P. Ray, T. J. Hourihan.

Manchester Traction, Light and Power Company.—Principal place of business, Manchester; incorporated, July 29, 1885; capital authorized, \$2,800,000; par value, \$100; capital issued, \$2,800,000; debts due corporation, \$115,943.69; debts due from corporation, \$2,211,164.99; assets, including debts due corporation, \$5,270,408.16; description of assets, land, buildings, machinery, etc.; including, \$250,000 bonds of the Manchester Electric Light Company; treasurer, S. Reed Anthony; postoffice address, 53 State Street, Boston; directors signing return, S. Reed Anthony, Philip L. Saltonstall, Chauncy Eldridge, J. Brodie Smith, E. C. Foster, Albert O. Brown, Walter M. Parker, Charles M. Floyd.

Marlboro Machine Company.—Principal place of business, Marlborough; incorporated, March 30, 1910; capital authorized, \$15,000; par value, \$50; capital issued, \$15,000; debts due corporation, \$1,598.39; debts due from corporation, \$2,452.51; assets, including debts due corporation, \$5,203.89; description of assets, machine shop and its additions thereto; treasurer, R. M. Lawrence; postoffice address, Marlborough; directors signing return, D. J. Hart, O. E. Parsons, R. M. Lawrence.

Mascoma Valley Telephone Company.—Principal place of business, Lebanon; incorporated, July 31, 1909; capital authorized, \$36,000; par value, \$25; capital issued, \$36,000; debts due corporation, \$2,702.93; debts due from corporation, \$578.84; reserves, \$6,563.60; assets, including debts due corporation, \$45,112.84; description of assets, telephone lines and material; treasurer, Edmund S. Willard;

postoffice address, 50 Oliver Street, Boston, Mass.; directors signing return, J. N. Keller, F. W. Story, C. T. Keller, M. B. Jones, C. D. Smith.

Mason-Perkins Paper Company—Principal place of business, Bristol; incorporated, July 13, 1886; capital authorized, \$150,000; par value, \$50; capital issued, \$150,000; debts due corporation, \$14,529.24; debts due from corporation, \$4,123.33; assets, including debts due corporation, \$187,397.56; description of assets, paper and pulp mills, wild lands, cash on hand and in bank, stock and trade, accounts receivable and good will of the business; treasurer, Frank N. Gilman; postoffice address, Bristol; directors signing return, Fred P. Weeks, George H. Calley, Frank N. Gilman.

Masonic Temple Association of Laconia—Principal place of business, Laconia; incorporated, December 5, 1894; capital authorized, \$46,000; par value, \$50; capital issued, \$46,000; debts due corporation, \$1,047.92; debts due from corporation, \$27,862.68; assets, including debts due corporation, \$81,739.52; description of assets, 4-story block; treasurer, William F. Knight; postoffice address, Laconia; directors signing return, Charles B. Hibbard, Henry B. Quinby, William A. Plummer, William F. Knight, Stephen S. Jewett, True E. Prescott.

Masonic Temple Association of Wolfeboro—Principal place of business, Wolfeboro; incorporated, April 7, 1911; capital authorized, \$6,500; par value, \$10; capital issued, \$4,960; debts due from corporation, \$600; description of assets, Masonic Temple building; treasurer, Joseph Lewando; postoffice address, Wolfeboro; directors signing return, Obed S. Young, Carroll D. Piper, George E. Libby, Fred E. Hersey, William J. Britton, Abel Haley.

McCoy Crate and Box Company—Principal place of business, Woodstock; incorporated, January 10, 1910; capital authorized, \$2,500; par value, \$100; capital issued, \$2,500; debts due corporation, \$2,431.15; debts due from corporation, \$4,623.10; assets, including debts due corporation, \$5,013.98; description of assets, crate ends and lath; treasurer, W. A. Faulkner; postoffice address, 131 State Street, Boston; directors signing return, Edward K. Woodworth, Raymond R. McCoy, William A. Faulkner.

McGloughlin Iron and Brass Foundry Company—Principal place of business, Laconia; incorporated, May 1, 1911; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due corpora-

tion, \$3,384.51; debts due from corporation, \$9,050.43; assets, including debts due corporation, \$34,129.74; description of assets, real estate, foundry outfit, and cash; treasurer, A. N. McGloughlin; post-office address, Laconia; directors signing return, James McGloughlin, A. N. McGloughlin, Florence S. McGloughlin.

McGregorville Investment Company—Principal place of business, Manchester; incorporated, January 8, 1909; capital authorized, \$12,000; par value, \$400; capital issued, \$6,140; debts due from corporation, \$10,103; assets, \$18,900; description of assets, wooden building, 4 stores, 10 tenements, and land; treasurer, O. F. Dubois; post-office address, Manchester; directors signing return, N. E. Biron, Arthur Provost, A. Grenier.

McLane Manufacturing Company—Principal place of business, Milford; incorporated, December 28, 1907; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$35,425.34; debts due from corporation, \$60,288.85; assets, including debts due corporation, \$191,938.96; description of assets, real estate, tools, machinery, stock in trade; treasurer, Clinton A. McLane; postoffice address, Milford; directors signing return, Ellen L. McLane, Clinton A. McLane, Fred W. Barnes.

Meredith Casket Company—Principal place of business, Meredith; incorporated, February 15, 1908; capital authorized, \$10,000; par value, \$25; capital issued, \$9,850; debts due corporation, \$5,790.33; debts due from corporation, \$2,005.18; assets, including debts due corporation, \$17,629.40; description of assets, factory, machinery, lumber, cloth, and other material, unfinished caskets; treasurer, Eva S. Blake; postoffice address, Meredith; directors signing return, William C. Walker, John F. Beede, M. E. Blake, E. C. Mansfield, Albert A. Kidder.

Meredith Telephone Company—Principal place of business, Meredith; incorporated, July 8, 1901; capital authorized, \$1,000; par value, \$25; capital issued, \$1,000; debts due corporation, \$1,833.67; debts due from corporation, \$10,517.36; reserves, \$1,828.09; assets, including debts due corporation, \$14,100.31; description of assets, telephone lines and material; treasurer, Edmund S. Willard; post-office address, 50 Oliver Street, Boston, Mass.; directors signing return, B. R. Dearborn, F. W. Story, Bertram Blaisdell.

Meriden Electric Light and Power Company—Principal place of business, Meriden; incorporated, August 20, 1910; capital authorized,

\$5,000; par value, \$100; capital issued, \$3,000; assets, \$3,000; description of assets, pole lines, transformers, meters, etc.; treasurer, Harold W. Chellis; postoffice address, Meriden; directors signing return, Charles A. Tracy, Alvah B. Chellis, Nathan R. Andrews, Harold W. Chellis, Frank M. Howe.

Mica Crystal Company—Principal place of business, Concord; incorporated, July 2, 1900; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due corporation, \$3,282.86; debts due from corporation, \$6,598.62; assets, including debts due corporation, \$12,841.62; description of assets, real estate, machinery, merchandise and accounts; treasurer, Josiah E. Fernald; postoffice address, Concord; directors signing return, B. C. White, Josiah E. Fernald.

Milford Farm Produce Company—Principal place of business, Milford; incorporated, February 22, 1910; capital authorized, \$10,000; par value, \$50; capital issued, \$9,286.07; debts due corporation, \$9,044.79; debts due from corporation, \$21,709.89; assets, including debts due corporation, \$24,666.22; description of assets, creamery machinery and fixtures, milk route and equipment, store equipment and goods; treasurer, A. H. Caldwell; postoffice address, Milford; directors signing return, F. W. Holden, A. J. Fisher, H. C. Bruce, S. A. Lovejoy.

Milford Light and Power Company—Principal place of business, Milford; incorporated, March 3, 1908; capital authorized, \$179,000; par value, \$100; capital issued, \$179,000; debts due corporation, \$4,822.02; debts due from corporation, \$558.19, bonded debts, \$150,000; assets, including debts due corporation, \$341,374.91; description of assets, brick buildings, power station and electric equipment, lines and water power; treasurer, William H. Burgess; postoffice address, 50 State Street, Boston, Mass.; directors signing return, Philip H. Farley, William H. Burgess, Howard W. Lang, Joseph Hines.

Monadnock Blanket Mills—Principal place of business, Marlborough; incorporated, August 7, 1909; capital authorized, \$60,000; par value, \$100; capital issued, \$60,000; debts due corporation, \$10,241.30; debts due from corporation, \$50,628.69; assets, including debts due corporation, \$118,280.08; description of assets, real estate, mills, machinery, tenements, water rights, good-will, trade name, cash, bills receivable, stock on hand and in process; treasurer, C. H. Pease; postoffice address, Marlborough; directors signing return, E. P. Richardson, C. H. Pease.

Monadnock Toy and Box Company—Principal place of business, Marlborough; incorporated, December 8, 1909; capital authorized, \$5,000; par value, \$50; capital issued, \$5,000; debts due corporation, \$191.12; debts due from corporation, \$4,906.39; assets, including debts due corporation, \$5,256.48; description of assets, mill machinery, water power, steam power, sawmill stock; treasurer, S. A. Russell; postoffice address, Marlborough; directors signing return, L. G. Hildreth, S. A. Russell, H. H. Ward.

Monitor and Statesman Company—Principal place of business, Concord; incorporated, July 16, 1898; capital authorized, \$25,000; par value, \$100; capital issued, \$25,000; debts due corporation, \$15,070.68; debts due from corporation, \$30,046.18; assets, including debts due corporation, \$46,882.27; description of assets, accounts due, cash, machinery and fixtures, material and good will; treasurer, William D. Chandler; postoffice address, Concord; director signing return, William D. Chandler.

Montcalm Associates—Principal place of business, Nashua; incorporated, March 5, 1910; capital authorized, \$100,000; par value, \$25; capital issued, \$2,325; debts due corporation, \$68; debts due from corporation, \$1.50; assets, including debts due corporation, \$2,393; description of assets, real estate; treasurer, Donat Corriveau; postoffice address, 63 Walnut Street, Nashua; directors signing return, Marcel Theriault, Napoleon St. Pierre, Donat Corriveau.

Moody-Emerson Company—Principal place of business, Derry; incorporated, October 7, 1910; capital authorized, \$75,000; par value, \$100; capital issued, \$75,000; debts due corporation, \$35,198.58; debts due from corporation, \$84,874.43; assets, including debts due corporation, \$164,719.17; description of assets, cash, bills receivable, shoes in process, raw material, machinery and equipment; treasurer, Volney H. Moody; postoffice address, Derry; directors signing return, Arthur M. Emerson, Volney H. Moody, H. G. Moody, Myron E. Emerson.

Moore-Preston Coal Company—Principal place of business, Manchester; incorporated, June 26, 1903; capital authorized, \$50,000; par value, \$100; capital issued, \$50,000; debts due corporation, \$14,761.87; debts due from corporation, \$9,944.21; assets, including debts due corporation, \$84,194.98; description of assets, stock in trade, real estate, personal property, accounts and cash; treasurer, Frank Preston; postoffice address, Manchester; directors signing return, M. P. Moore, Frank Preston, Myra V. Moore, Frederick B. Preston.



Mount Crescent Water Company—Principal place of business, Randolph; incorporated, March 13, 1907; capital authorized, \$5,000; par value, \$40; capital issued, \$1,800; assets, \$2,214.55; description of assets, pipe line and dam; treasurer, M. A. Wilcox; postoffice address, 80 Mountain Avenue, Malden, Mass.; directors signing return, Arthur L. Hunt, William Sage.

Mutual Real Estate Company—Principal place of business, Manchester; incorporated, April 12, 1906; capital authorized, \$24,000; par value, \$100; capital issued, \$24,000; debts due corporation, \$320 (bank); debts due from corporation, \$5,590; assets, including debts due corporation, \$24,000; description of assets, tenement; treasurer, Frank B. Stevens; postoffice address, 144 Blodgett Street, Manchester; directors signing return, Charles E. S. Nutting, Oscar P. Stone, W. R. Bartlett.

Nashua Building Company—Principal place of business, Nashua; incorporated, December 1, 1892; capital authorized, \$5,000; par value, \$50; capital issued, \$5,000; debts due corporation, \$12,498.16; debts due from corporation, \$4,004.16; assets, including debts due corporation, \$26,835.97; description of assets, real estate, merchandise, cash, tools and equipment, stable equipment, accounts receivable, furniture and fixtures; treasurer, W. D. Swart; postoffice address, Nashua; directors signing return, Charles A. Roby, W. D. Swart, W. A. Erb.

Nashua Co-operative Iron Foundry Company—Principal place of business, Nashua; incorporated, January 27, 1881; capital authorized, \$22,000; par value, \$100; capital issued, \$22,000; debts due corporation, \$4,946.28; debts due from corporation, \$8,720.93; assets, including debts due corporation, \$34,916.07; description of assets, real estate, stock, tools and fixtures; treasurer, Thomas W. Keely; postoffice address, Nashua; directors signing return, Thomas W. Keely, John J. Carey, B. McWeeney, William Molloy.

Nashua Iron and Brass Foundry Company—Principal place of business, Nashua; incorporated, April 1, 1890; capital authorized, \$50,000; par value, \$100; capital issued, \$50,000; debts due corporation, \$14,652.70 (worthless); debts due from corporation, \$68,846.03; “debts due from corporation include over \$30,000 formerly secured by mortgages of real estate which have been foreclosed and mortgages of personal property now foreclosed, good-will, etc. The book accounts outstanding are to the best of our knowledge valueless. No bankruptcy proceedings have ever been taken.” Treas-



urer, L. K. Morse; postoffice address, 201 Devonshire Street, Boston; directors signing return, H. F. Livermore, L. K. Morse.

Nashua Lumber Company—Principal place of business, Nashua; incorporated, July 1, 1903; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$2,338.29; debts due from corporation, \$46,807.44; assets, including debts due corporation, \$93,641.96; description of assets, lumber, land, timber, cash and accounts receivable; treasurer, W. D. Swart; postoffice address, Nashua; directors signing return, Charles A. Roby, W. D. Swart.

Nashua Machine Company—Principal place of business, Nashua; incorporated, April 19, 1893; capital authorized, \$100,000; par value, \$100; capital issued, \$91,800; debts due corporation, \$9,468.09; debts due from corporation, \$4,688.45; assets, including debts due corporation, \$120,410.40; description of assets, real estate, cash, patterns, machinery, patents, merchandise; treasurer, F. O. Ray; postoffice address, Nashua; directors signing return, W. D. Swart, F. O. Ray, F. W. Maynard.

Nashua Paper Box Company—Principal place of business, Nashua; incorporated, May 1, 1910; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due corporation, \$5,416.17; assets, including debts due corporation, \$35,803.61; description of assets, machinery, cash, merchandise, accounts receivable; treasurer, W. D. Swart; postoffice address, Nashua; directors signing return, W. D. Swart, Charles A. Roby.

National Real Estate Company—Principal place of business, Nashua; incorporated, December 19, 1908; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due from corporation, \$7,000; assets, \$14,000; description of assets, real estate; treasurer, William E. Spalding; postoffice address, Nashua; directors signing return, Charles S. Clement, Lowell G. Holt, J. A. Spalding, William E. Spalding.

National Snow Melting Company—Principal place of business, Woodsville; incorporated, March 18, 1907; capital authorized, \$500,000; par value, \$25; capital issued, \$475,000; debts due corporation, \$1,150; debts due from corporation, \$4,063.29; assets, including debts due corporation, \$186,129.35; description of assets, material on hand and tools, office furniture, debts due corporation, cash in banks, non-taxable patent rights estimated at \$170,625; treasurer, James

S. Lang; postoffice address, Rutland Square, Boston, Mass.; directors signing return, James S. Lang, Fred B. Lang.

National Woodworking Machinery Company—Principal place of business, Manchester; incorporated, May 29, 1911; capital authorized, \$65,000; par value, \$100; capital issued, \$65,000; debts due corporation, \$7,033.39; debts due from corporation, \$7,746.12; assets, including debts due corporation, \$67,478; description of assets, "cash on hand, accounts receivable, merchandise, including completed machines, stock rough, finished and in process, supplies, equipment, tools, fixtures, jigs, patterns and drawings. In addition to the foregoing, the corporation owns the names and good-will of the John A. White Company, Witherby, Rugg & Richardson Company and their predecessors and of Hobbs Manufacturing Company so far as they apply to the woodworking machinery department of said Hobbs Manufacturing Company, which are valuable assets and are not included in the \$67,478, because we are unable to determine or ascertain the value thereof." Treasurer, S. C. Whipple; postoffice address, Manchester; directors signing return, S. C. Whipple, David A. Taggart, Charles M. Floyd, William Corey.

Newburyport Silver Company—Principal place of business, Keene; incorporated, March 13, 1903; capital authorized, \$162,500; par value, \$100; capital issued, \$146,400; debts due corporation, \$41,276.90; debts due from corporation, \$99,615.63; assets, including debts due corporation, \$247,094.55; description of assets, sterling flat and hollow ware; treasurer, Caleb Stickney; postoffice address, Keene; directors signing return, John Currier, George E. Collins, R. T. Noyes, L. N. Kent, Caleb Stickney.

New England College of Languages—Principal place of business, 120 Boylston Street, Boston, Mass.; incorporated, August 1, 1899; capital authorized, \$20,000; par value, \$25; capital issued, \$20,000; debts due corporation, \$80; debts due from corporation, \$6,882.50; assets, including debts due corporation, \$23,180; description of assets, good-will, stock, furniture, merchandise; treasurer, Paul E. Kunzer; postoffice address, 120 Boylston Street, Boston, Mass.; directors signing return, Paul E. Kunzer, J. Murray Walker, George A. Walker.

New England Fruit and Syrup Company—Principal place of business, Boston, Cuba; incorporated, May 7, 1903; capital authorized, \$30,000; par value, \$50; capital issued, \$21,600; debts due from corporation, \$1,305; assets, \$38,802.50; description of assets, land in

Boston, Cuba; treasurer, Clarence D. Palmer; postoffice address, Manchester; directors signing return, Clarence D. Palmer, Elmer D. Goodwin, Levi J. Wiggin, George I. Hopkins.

New England Investment Company, State of Rhode Island—Principal place of business, Manchester; incorporated, July, 1906; capital authorized, \$500,000; par value, \$1; capital issued, \$666,238; debts due corporation, \$2,500; debts due from corporation, \$49,541.55; assets, including debts due corporation, \$145,372.13; description of assets, woodland, farms, real estate, stock in other corporation; treasurer, Albert J. Precourt; postoffice address, Manchester; directors signing return, William Marcotte, Eugene Quirin, Albert J. Precourt.

Newfound Lake Grange Company—Principal place of business, Bristol; incorporated, November 15, 1907; capital authorized, \$6,500; par value, \$25; capital issued, \$4,550; debts due corporation, \$60; debts due from corporation, \$1,825; assets, including debts due corporation, \$6,375; description of assets, hall; treasurer, Silas A. McMurphy; postoffice address, Bristol; directors signing return, A. N. McMurphy, Silas A. McMurphy, George E. Price.

New Hampshire Artistic Web Company—Principal place of business, Barnstead; incorporated, December 11, 1906; capital authorized, \$25,000; par value, \$100; capital issued, \$20,100; debts due corporation, \$4,187.53; debts due from corporation, \$10,183.53; assets, including debts due corporation, \$47,872.39; description of assets, real estate, buildings, water privilege, machinery and merchandise; treasurer, Henry Zecha; postoffice address Barnstead; directors signing return, F. Zecha, Isaac E. Harriman, Nathan G. Fessenden, J. C. Pickering, Henry Zecha.

New Hampshire Improvement Company—Principal place of business, Nashua; incorporated, August 18, 1890; capital authorized, \$100,000; par value, \$90; capital issued, \$90,000; debts due corporation, \$1,449.58; assets, including debts due corporation, \$100,959.01; description of assets, stocks, real estate, cash; treasurer, John F. Stark; postoffice address, Nashua; directors signing return, John F. Stark, Fred G. Stark, James F. Whitney.

New Hampshire Spinning Mills—Principal place of business, Penacook; incorporated, September 12, 1899; capital authorized, \$250,000; par value, \$100; capital issued, \$250,000; debts due corporation, \$43,537.29; debts due from corporation, \$68,207.30; assets, in-

cluding debts due corporation, \$402,989.05; description of assets, real estate, mill and machinery, water power, cotton, yarns, cash, bills receivable; treasurer, Harry H. Dudley; postoffice address, Concord; directors signing return, Marcellus Gould, Samuel C. Eastman, Harry H. Dudley, William P. Fiske.

Newmarket Electric Company—Principal place of business, Newmarket; incorporated, April 6, 1911; capital authorized, \$100,000; par value, \$50; capital issued, \$100,000; debts due corporation, \$1,500; debts due from corporation, \$5,005.20; assets, including debts due corporation, \$107,154.71; description of assets, stock, franchise, rights and privileges connected with electric light plant at Newmarket; treasurer, William H. C. Follansby; postoffice address, Exeter; directors signing return, Edwin G. Eastman, Fred B. Philbrick, John Scammon, William H. Sleeper, William H. C. Follansby.

Newmarket Electric Light and Power Plant Company—Principal place of business, Newmarket; incorporated, November 18, 1891; capital authorized, \$22,000; par value, \$25; capital issued, \$22,000; debts due from corporation, \$16,545; assets, \$22,073.24; treasurer, Sarah J. Woodman; directors signing return, Sarah J. Woodman, Fred B. Philbrick, Arioeh W. Griffiths, Charles A. Morse.

Nims, Whitney & Company—Principal place of business, Keene; incorporated, January 16, 1896; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due corporation, \$21,456.84; debts due from corporation, \$14,270.78; assets, including debts due corporation, \$46,220; description of assets, lumber, manufactured stock and machinery; treasurer, C. Willis Morse; postoffice address, Keene; directors signing return, Lura L. Whitney, J. P. Morse, C. Willis Morse.

Northern Securities Company—Principal place of business, Concord; incorporated, December 24, 1907; capital authorized, \$28,000; par value, \$10; capital issued, \$28,000; debts due from corporation, \$5,365; assets, \$36,783; description of assets, stocks, bonds, and collateral loans; treasurer, Freeman T. Jackman; postoffice address, Concord; directors signing return, Charles L. Jackman, B. G. Jackman.

Odd Fellows Building Association of Lakeport—Principal place of business, Lakeport; incorporated, October 17, 1893; capital authorized, \$11,000; par value, \$100; capital issued, \$11,000; debts due from corporation, \$300; assets, \$11,000; description of assets,

wooden building; treasurer, C. L. Simpson; postoffice address, Lakeport; directors signing return, Ezra Lovejoy, George B. Randall, F. W. Pulsifer, C. L. Simpson.

Odd Fellows Building Association of Nashua—Principal place of business, Nashua; incorporated, February 10, 1891; capital authorized, \$75,000; par value, \$50; capital issued, \$75,000; debts due from corporation, \$57,400; assets, \$140,000; description of assets, business block with stores, offices and lodge rooms; treasurer, J. E. Tolles; postoffice address, Nashua; directors signing return, Emri W. Clark, Charles H. Austin, A. K. Woodbury, Charles H. Jackman, E. E. Cheney.

Olcott Falls Company—Principal place of business, New Hampshire; incorporated, June 23, 1848; capital authorized, \$500,000; par value, \$100; capital issued, \$300,000; debts due corporation, \$5,307.37; debts due from corporation, \$964,681.60; assets, including debts due corporation, \$2,257,134.29; description of assets, real and personal property situated chiefly in the State of Vermont, but a small part being in the State of New Hampshire; treasurer, Owen Shepard; postoffice address, 30 Broad Street, New York City; directors signing return, A. N. Burbank, F. B. Jennings.

Page Belting Company—Principal place of business, Concord; incorporated, July 4, 1872; capital authorized, \$250,000; par value, \$50; capital issued, \$250,000; debts due corporation, \$181,927.01; debts due from corporation, \$436,312.77; assets, including debts due corporation, \$863,046.40; description of assets, cash, notes and accounts receivable, merchandise, manufacturing plant; treasurer, Charles T. Page; postoffice address, Concord; directors signing return, Albert Wallace, George M. Kimball, Joseph H. Chadbourne, Charles S. Parker, Willis D. Thompson.

Pembroke Realty Company—Principal place of business, Manchester; incorporated, September 9, 1904; capital authorized, \$107,000; par value, \$100; capital issued, \$107,000; debts due corporation, \$1,200; debts due from corporation, \$60,000; assets, including debts due corporation, \$2,000 and real estate; description of assets, Pembroke block; treasurer, Sarah F. Dearborn; postoffice address, Suncook; directors signing return, Jenness S. Dearborn, S. Elizabeth Dearborn.

Pembroke Sanatorium Company—Principal place of business, Pembroke; incorporated, December 23, 1901; capital authorized, \$25,000;



par value, \$50; capital issued, \$25,000; debts due from corporation, \$8,000; assets, uncertain; description of assets, equity in real estate; treasurer, Ernest Fontaine; postoffice address, Suncook; directors signing return, O. B. Douglas, Jennie M. Fontaine, Ernest Fontaine.

Penacook Park Grange Hall Association—Principal place of business, West Concord; incorporated, June 29, 1906; capital authorized, \$1,625; par value, \$25; capital issued, \$1,625; debts due from corporation, \$40; assets, \$3,000; description of assets, hall and lot; treasurer, Frank E. Dimond; postoffice address, West Concord; directors signing return, Joseph E. Shepard, George W. Phillips, Erwin E. Webber, G. R. Parmenter, J. M. Hiland, A. J. Sawyer.

Pennichuck Water Works—Principal place of business, Nashua; incorporated, June 27, 1853; capital authorized, \$800,000; par value, \$100; capital issued, \$700,000; debts due corporation, \$23,603.34; assets, including debts due corporation, \$853,477.78; description of assets, plant at cost, water bills due, stock on hand, cash; treasurer, Harry M. Hobson; postoffice address, Nashua; directors signing return, John F. Stark, D. W. Lakeman, J. H. Tolles.

Perkins-Webster Corporation—Principal place of business, East Jaffrey; incorporated, January 27, 1909; capital authorized, \$2,000; par value, \$100; capital issued, \$2,000; debts due from corporation, \$700; assets, \$1,500; description of assets, machinery; treasurer, Wilbur E. Webster; postoffice address, East Jaffrey; directors signing return, Wilbur E. Webster, Ralph E. Perkins, Lizzie E. Webster.

Peterborough Creamery Company—Principal place of business, Peterborough; incorporated, April 13, 1883; capital authorized, \$2,000; par value, \$25; capital issued, \$2,000; assets, \$2,349.18; description of assets, land and buildings and cash; treasurer, Eben W. Jones; postoffice address, Peterborough; directors signing return, John Q. Adams, John E. Ellsworth, Charles W. Carll.

Peterborough Manufacturing Company—Principal place of business, Gardner, Mass.; incorporated, January 18, 1911; capital authorized, \$10,000; par value, \$25; capital issued, \$10,000; debts due corporation, \$3,948.22; debts due from corporation, \$2,582.02; assets, including debts due corporation, \$15,685.05; description of assets, plant; treasurer, Hayman H. Cohen; postoffice address, Peterborough; directors signing return, Nathan Gewandter, Hayman H. Cohen.



Peterboro Shank Company—"The Peterboro Shank Company has done no business for over two years. The Peterborough bank foreclosed the mortgage so there are no assets." Treasurer, A. B. Sprague; postoffice address, Greenwich, N. Y.

Phoenix Chair Company—Principal place of business, Peterborough; incorporated, October 1, 1910; capital authorized, \$25,000; par value, \$100; capital issued, \$25,000; debts due corporation, \$1,168.38; debts due from corporation, \$8,466.88; assets, including debts due corporation, \$35,066.94; description of assets, real estate, machinery, lumber, stock, raw and in process, supplies, bills receivable and cash; treasurer, F. K. Longley; postoffice address, Peterborough; directors signing return, A. H. Miller, G. P. Farrar, F. K. Longley.

Pike Manufacturing Company—Principal place of business, Pike; incorporated, January 19, 1889; capital authorized, \$70,000; par value, \$100; capital issued, \$70,000; debts due corporation, \$99,354.16; debts due from corporation, \$106,274.46; assets, including debts due corporation, \$605,674.27; description of assets, cash, notes receivable, accounts receivable, merchandise, stock, real estate, machinery, etc.; treasurer, H. E. Smith; postoffice address, Pike; directors signing return, E. Bertram Pike, Frank S. Streeter, C. L. Allen.

Pike Station Store Company—Principal place of business, Pike; incorporated, January 25, 1899; capital authorized, \$25,000; par value, \$100; capital issued, \$22,000; debts due corporation, \$4,320.53; debts due from corporation, \$7,797.71; assets, including debts due corporation, \$31,831.26; description of assets, cash, bills receivable, accounts receivable, merchandise, stock, horses, wagons, furniture and fixtures; treasurer, H. E. Smith; postoffice address, Pike; directors signing return, H. E. Smith, E. Bertram Pike.

Pike Woodlands Company—Principal place of business, Pike; incorporated, July 29, 1910; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due from corporation, \$75,000; assets, \$175,000; description of assets, timberlands and stumpage values; treasurer, Frank P. Cobb; postoffice address, Pike; directors signing return, E. Bertram Pike, Frank P. Cobb.

Pitman Manufacturing Company—Principal place of business, Laconia; incorporated, July 1, 1875; capital authorized, \$54,000; par value, \$100; capital issued, \$54,000; debts due corporation, \$2,-

124.64; debts due from corporation, \$25,592.36; assets, including debts due corporation, \$268,000.03; description of assets, real estate, machinery, wool, cotton yarns, supplies, manufactured goods; treasurer, Joseph W. Pitman; postoffice address, Laconia; directors signing return, Charles F. Pitman, Walter H. Pitman, Joseph W. Pitman.

Plymouth Electric Light Company—Principal place of business, Plymouth; incorporated, July 19, 1891; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due corporation, \$2,087.13; debts due from corporation, \$1,188.32; assets, including debts due corporation, \$21,401.10; description of assets, electric light plant, fuel, supplies, good-will; treasurer, Fred P. Weeks; postoffice address, Plymouth; directors signing return, Frank C. Calley, Fred P. Weeks, James M. McCoy.

Portsmouth Theatre Company—Principal place of business, Portsmouth; incorporated, April 24, 1903; capital authorized, \$18,000; par value, \$100; capital issued, \$18,000; debts due from corporation, \$7,500; assets, \$18,000; description of assets, theatre building and contents; treasurer, John W. Emery; postoffice address, Portsmouth; directors signing return, F. W. Hartford, M. J. Griffin, John W. Emery.

Prescott Piano Company—Principal place of business, Concord; incorporated, February 1, 1891; capital authorized, \$50,000; par value, \$100; capital issued, \$50,000; debts due corporation, \$59,389.53; debts due from corporation, \$37,041.03; assets, including debts due corporation, \$99,643.74; description of assets, real estate, machinery, tools and fixtures, pianos, stock, accounts and notes due, etc.; treasurer, George D. B. Prescott; postoffice address, Concord; directors signing return, Willis D. Thompson, George D. B. Prescott, Josiah E. Fernald, Arthur P. Morrill.

Puritan Loan Company—Principal place of business, Manchester; incorporated, March 9, 1910; capital authorized, \$3,000; par value, \$25; capital issued, \$3,000; debts due corporation, \$500.50; assets, \$4,100.75; description of assets, stock of dry goods, jewelry, general merchandise, cash and loans; treasurer, Reuben Silverman; postoffice address, Manchester; directors signing return, Isaac Stoll, Reuben Silverman.

Quaker Shoe Company—Principal place of business, North Weare; incorporated, February 1, 1911; capital authorized, \$20,000; par

value, \$100; capital issued, \$20,000; debts due corporation, \$5,312.16; debts due from corporation, \$4,199.32; assets, including debts due corporation, \$26,010.28; description of assets, manufactured shoes, materials and supplies; treasurer, S. C. Sibley; postoffice address, North Weare; directors signing return, Warren H. Tucker, H. S. Holbrook, S. C. Sibley.

Queen City Land and Building Association—Principal place of business, Manchester; incorporated, March 9, 1892; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due from corporation, \$34,025; assets, \$57,000; description of assets, land and buildings; treasurer, T. E. Cunningham; postoffice address, Manchester; directors signing return, L. H. Slayton, H. E. Slayton, T. E. Cunningham.

Quincy Farm, Incorporated—Principal place of business, Centre Harbor; incorporated, January 25, 1910; capital authorized, \$25,000; par value, \$100; capital issued, none; treasurer, C. F. Quincy; postoffice address, 90 West Street, New York City; directors signing return, C. F. Quincy, A. Anthon, L. I. Anthon, F. F. Kister.

Ragus Tea and Coffee Company—Principal place of business, New York, N. Y.; incorporated in New Jersey; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$262,721.12; debts due from corporation, \$251,097.70; assets, including debts due corporation, \$373,804.09; description of assets, merchandise consisting of tea, coffee, spices, sugar, and other groceries; treasurer, George E. Clapp; postoffice address, 411 Washington Street, New York, N. Y.; directors signing return, Peter L. McLaven, Patrick J. Kavanaugh, George E. Clapp, William A. McBride, Thomas A. Anderson.

Railway Mail Association—Principal place of business, Portsmouth; incorporated, December 14, 1898; assets, \$102,486.57; description of assets, U. S. bonds and bank deposits; treasurer, George A. Wood; postoffice address, Portsmouth; directors signing return, P. J. Schardt, C. W. Fabr, W. A. Terrell, C. G. Mendenhall, W. M. Seeler, P. E. Vestal, R. O'Brien, J. J. Doherty.

Rand & Green Lumber Company—Principal place of business, Pittsfield; incorporated, October 17, 1910; capital authorized, \$7,000; par value, \$100; capital issued, \$7,000; debts due corporation, \$3,852.63; debts due from corporation, \$4,266.46; assets, including debts due corporation, \$6,382.63; description of assets, lumber, ac-

counts and real estate; treasurer, John S. Rand; postoffice address, Pittsfield; directors signing return, David S. Green, John S. Rand.

Ranno Saddlery Company—Principal place of business, Manchester; incorporated, October 6, 1903; capital authorized, \$80,000; par value, \$100; capital issued, \$80,000; debts due corporation, \$43,713.92; debts due from corporation, \$62,392.43; assets, including debts due corporation, \$143,327.55; description of assets, real estate, tools and machinery, cash, accounts, leather, saddlery, harness; treasurer, Charles G. Ranno; postoffice address, Manchester; directors signing return, Charles G. Ranno, John C. Littlefield, Aaron B. Johnson.

Redington Hub Company—Principal place of business, Roby's Corner; incorporated, September 23, 1909; capital authorized, \$12,500; par value, \$100; capital issued, \$12,500; debts due corporation, \$587.26; debts due from corporation, \$8,749.99; assets, including debts due corporation, \$20,210.21; description of assets, factory, storehouses, two dwelling houses, stock in trade and accounts due; treasurer, Henry M. Short; postoffice address, Roby's Corner; directors signing return, Harry N. Lane, Henry M. Short, Josiah E. Fernald.

Reliable Credit Company—Principal place of business, Manchester; incorporated, February 20, 1909; capital authorized, \$6,000; par value, \$25; capital issued, \$6,000; debts due corporation, \$7,015.29; debts due from corporation, \$3,536.80; assets, including debts due corporation, \$13,015.29; description of assets, jewelry, clothing, shoes, hats, etc., fixtures; treasurer, Paul Ratner; postoffice address, Manchester; directors signing return, A. Green, Paul Ratner.

Richardson & Cameron Company—Principal place of business, Littleton; incorporated, March 28, 1911; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; assets, \$23,406.12; description of assets, hardware, plaster, paints, oils, varnishes, farming implements, crockery, glassware, wallpaper, stoves, ranges, etc.; treasurer, J. C. Cameron; postoffice address, Littleton; directors signing return, M. H. Richardson, J. C. Cameron, J. B. Hyde.

Rimmon Companions—Principal place of business, Manchester; incorporated, November 22, 1906; capital authorized, \$3,500; par value, \$350; capital issued, \$3,500; debts due corporation, \$525; debts due from corporation, \$22,000; assets, including debts due corporation, \$32,025; description of assets, real estate; treasurer,

E. F. Geoffrion; postoffice address, Manchester; directors signing return, Fred J. Duguay, Arthur Belanger.

Rimmon Manufacturing Company—Principal place of business, Manchester; incorporated, January 19, 1893; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$15,127.72; debts due from corporation, \$18,432.71; assets, including debts due corporation, \$41,717.72; description of assets, land, mortgages, stock in McGregorville Manufacturing Company and cash; treasurer, Charles C. Hayes; postoffice address, Manchester; directors signing return, Charles C. Hayes, John F. Lee, Timothy F. Cronin.

Riverview Cemetery Association—Principal place of business, Barnstead; incorporated, May 8, 1903; debts due corporation, \$17; assets, including debts due corporation, \$672; description of assets, cash, cemetery grounds; treasurer, John S. Hunt; postoffice address, Barnstead; directors signing return, T. L. Hoitt, J. C. Pickering, H. H. Young, John S. Hunt.

Robie Consolidated Concrete Company—Principal place of business, Manchester; incorporated, May 4, 1899; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$19,202.75; debts due from corporation, \$4,710.72; assets, including debts due corporation, \$36,758.48; description of assets, buildings, horses, wagons, machinery, tools, gravel banks; treasurer, Walter G. Africa; postoffice address, Manchester; directors signing return, J. H. Mendell, Hugh H. Whitman, Samuel H. Mead, Walter G. Africa.

Roby & Swart Manufacturing Company—Principal place of business, Nashua; incorporated, July 1, 1897; capital authorized, \$140,000; par value, \$100; capital issued, \$140,000; debts due corporation, \$26,788.65; debts due from corporation, \$61,928.12; assets, including debts due corporation, \$228,164.01; description of assets, real estate, lumber, machinery, accounts receivable, cash, etc.; treasurer, W. D. Swart; postoffice address, Nashua; directors signing return, Charles A. Roby, W. D. Swart.

Rochester Agricultural and Mechanical Association—Principal place of business, Rochester; incorporated, July 18, 1879; capital authorized, \$5,000; par value, \$50; capital issued, \$3,500 (present), \$3,100 (shares outstanding); debts due from corporation, less than \$100; assets, \$12,860.45; description of assets, real estate, cash;



treasurer, Frank L. Kendall; postoffice address, Rochester; directors signing return, Albert H. Linscott, Joseph O. Hayes, Thomas W. Peavey, Guy E. Chesley.

Rumford Printing Company—Principal place of business, Concord; incorporated, November 29, 1897; capital authorized, \$40,000; par value, \$100; capital issued, \$40,000; debts due corporation, \$34,814.45; debts due from corporation, \$48,871.80; assets, including debts due corporation, \$96,625.60; description of assets, machinery, fixtures and stock; treasurer, John D. Bridge, postoffice address, Concord; directors signing return, William E. Chandler, William S. Rossiter, John D. Bridge, George H. Moses, Harlan C. Pearson.

Ryegate Paper Company—Principal place of business, 75 Duane Street, New York City; incorporated, July 22, 1881; capital authorized, \$250,000; par value, \$100; capital issued, \$250,000; debts due corporation, \$41,569; debts due from corporation, \$161,052; assets, including debts due corporation, \$467,839; description of assets, real estate, buildings, machinery, accounts receivable; treasurer, W. D. Russell; postoffice address, 75 Duane Street, New York City; directors signing return, W. D. Russell, D. G. Garabrant, Porter Farwell, R. E. Farwell.

Samuel Eastman Company—Principal place of business, Concord; incorporated, September 15, 1909; capital authorized, \$15,000; par value, \$100; capital issued, \$15,000; debts due corporation, \$5,740.81; debts due from corporation, \$712.04; assets, including debts due corporation, \$14,581.73; description of assets, land, buildings, stock; treasurer, C. E. Robinson; postoffice address, Concord; directors signing return, Mary F. Robinson, Ella F. Robinson, George O. Robinson, C. E. Robinson.

Sandown Telephone Company—Principal place of business, Sandown; incorporated, February 28, 1911; capital authorized, \$1,000; par value, \$25; capital issued, \$700; debts due corporation, \$19.93; debts due from corporation, \$276.81; assets, including debts due corporation, \$494.93; description of assets, personal; treasurer, John G. Goodwin; postoffice address, Chester; directors signing return, George S. Sanborn, Charles W. Goodwin, Elwin C. Mills, Charles H. Knights.

Saranac Glove Company—Principal place of business, Littleton; incorporated, December 31, 1899; capital authorized, \$125,000; par value, \$100; capital issued, \$125,000; debts due corporation, \$119,-



229.17; debts due from corporation, \$113,937.87; assets, including debts due corporation, \$311,630.51; description of assets, cash, manufactured goods, material and real estate; treasurer, Henry F. Green; postoffice address, Littleton; directors signing return, Henry F. Green, W. H. Parker, R. C. Langford, George C. Cass.

Sinclair Hotel Company—Principal place of business, Bethlehem; incorporated, May 7, 1909; capital authorized, \$55,000; par value, \$100; capital issued, \$55,000; assets, \$55,000; description of assets, land, hotel and contents, stable and cottage; treasurer, William McAuliffe; postoffice address, Bethlehem; directors signing return, David W. Harrington, Mary A. Harrington, E. P. Durgin Dean.

Smith Box and Lumber Company—Principal place of business, Manchester; incorporated, February 13, 1902; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due corporation, \$12,601.25; debts due from corporation, \$6,972.98; assets, including debts due corporation, \$21,703.19; description of assets, horses, wagons, etc., machinery and lumber; treasurer, John R. Smith; postoffice address, Manchester; directors signing return, John J. Murray, John R. Smith.

Smith-Ramsey Auto Company—Principal place of business, Manchester; incorporated, October 3, 1911; capital authorized, \$5,000; par value, \$100; capital issued, \$5,000; debts due corporation, \$2,000; debts due from corporation, \$200; assets, including debts due corporation, \$5,562; description of assets, automobiles, supplies and accessories; treasurer, James Ried; postoffice address, Manchester; directors signing return, E. A. Smith, H. Ramsey, James Ried, E. H. Holmes.

Southern Coos Telephone Company—Principal place of business, Colebrook; incorporated, May 15, 1907; capital authorized, \$10,000; par value, \$25; capital issued, \$4,575; debts due corporation, \$297; debts due from corporation, \$2,965.25; assets, including debts due corporation, \$7,162.96; description of assets, poles, wire, telephones, switchboards and general telephone property; treasurer, G. A. Smith; postoffice address, Colebrook; directors signing return, Charles E. Martin, Amasa Frizzell, W. E. Smith.

Spofford-Allis Company—Principal place of business, Dover; incorporated, March 14, 1902; capital authorized, \$6,000; par value, \$100; capital issued, \$6,000; debts due corporation, \$544.26; debts due from corporation, \$2,753.71; assets, including debts due corpora-

tion, \$12,143.86; description of assets, cash, fixtures, and merchandise; treasurer, O. L. Spofford; postoffice address, Dover; directors signing return, Lenore M. Spofford, Orrin L. Spofford.

Squam Lake Lumber Company—Principal place of business, Ashland; incorporated, January 18, 1906; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due corporation, \$11,380.36; debts due from corporation, \$14,752.45; assets, including debts due corporation, \$56,327.26; description of assets, mills, land, manufacturing lumber, timber, cash, notes and accounts; treasurer, Frank Hill; postoffice address, Tilton; directors signing return, J. N. Nichols, Frank Hill.

Stahl-Clarke Company—Principal place of business, Berlin; incorporated, May 19, 1904; capital authorized, \$45,000; par value, \$100; capital issued, \$45,000; debts due corporation, \$5,979.95; debts due from corporation, \$4,775.79; assets, including debts due corporation, \$43,454.03; description of assets, dry goods, clothing, shoes; treasurer, George E. Clark; postoffice address, Berlin; directors signing return, A. M. Stahl, George E. Clark.

Standard Rivet Company—Principal place of business, Boston; incorporated, May 17, 1888; capital authorized, \$250,000; par value, \$50; capital issued, \$250,000; debts due corporation, \$32,476.13; debts due from corporation, \$13,964.98; assets, including debts due corporation, \$153,333.55; description of assets, rivets, staples, spots, and machines for setting machinery, tools and patterns, patents and inventions; treasurer, Charles E. Tingley; postoffice address, 41 Lincoln Street, Boston, Mass.; directors signing return, Sumner Wallace, William Halkyard, Charles E. Tingley.

State Street Realty Company—Principal place of business, Concord; incorporated, March 8, 1910; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due from corporation, \$26,950; description of assets, Kearsarge apartment block and lot and Chesley house and lot, Concord; treasurer, F. A. Gale; postoffice address, Concord; directors signing return, John M. Mitchell, F. A. Gale, Lucy M. Sargent.

Strafford Publishing Company—Principal place of business, Dover; incorporated, December 21, 1911; capital authorized, \$4,000; par value, \$100; capital issued, \$4,000; debts due corporation, about \$500; debts due from corporation, about, \$1,950; assets, including debts due corporation, \$6,000; description of assets, good-will, sub-

scription and advertising accounts, printing plant, type, presses, folder, etc.; treasurer, Marina W. Billings; postoffice address, Dover; directors signing return, Marina W. Billings, Warren T. Billings, Lillian T. Billings.

Strafford-York Gas Company—Principal place of business, Rochester; incorporated, May 8, 1911; capital authorized, \$330,000; par value, \$100; capital issued, \$330,000; debts due corporation, \$5,759.07; debts due from corporation, \$5,318.39; assets, including debts due corporation, \$340,117.47; description of assets, real estate, gas manufacturing machinery and appurtenances, street mains and services, meters, merchandise and tools, oil, coal, coke, tar and sundry supplies; treasurer, Fitzhugh C. Speer; postoffice address, 25 Broad Street, New York City; directors signing return, H. L. Crawford, Lyman T. Dyer.

Tenney Coal Company—Principal place of business, Concord; incorporated, June 1, 1908; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due corporation, \$18,966.93; debts due from corporation, \$635.55; assets, including debts due corporation, \$29,436.42; description of assets, coal, wood, horses, wagons and equipment; treasurer, Harold H. Blake; postoffice address, Concord; directors signing return, E. S. Tenney, Harold H. Blake.

The P. J. Noyes Company—Principal place of business, Lancaster; incorporated, April 18, 1910; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due corporation, \$9,176.18; debts due from corporation, \$22,196.91; assets, including debts due corporation, \$42,575.71; description of assets, stock in trade, machinery and apparatus; treasurer, James L. Dow; postoffice address, Lancaster; directors signing return, James L. Dow, Jennie Porter Dow, Fred D. Carpenter.

Thorne Shoe Store Company—Principal place of business Concord; incorporated, September 1, 1911; capital authorized, \$12,000; par value, \$100; capital issued, \$12,000; debts due corporation, \$1,522.48; debts due from corporation, \$2,166.18; assets, including debts due corporation, \$13,522.48; description of assets, boots, shoes, rubbers, and findings; treasurer, Clarence D. Shannon; postoffice address, Concord; directors signing return, John C. Thorne, John H. Haynes, Clarence D. Shannon.

Tilton Box Company—Principal place of business, Manchester; incorporated, March 25, 1905; capital authorized, \$10,000; par value,

\$100; capital issued, \$10,000; debts due corporation, \$3,734.83; debts due from corporation, \$1,420.89; assets, including debts due corporation, \$13,991.80; description of assets, cash, machinery, fixtures, raw material, boxes; treasurer, W. L. Kimball; postoffice address, Manchester; directors signing return, W. L. Kimball, C. N. Kimball.

Toledo Land and Improvement Company—Principal place of business, Portsmouth; incorporated, December 4, 1889; capital authorized, \$200,000; par value, \$100; capital issued, \$200,000; debts due corporation, \$8,387.55; debts due from corporation, \$385,843.53; assets, including debts due corporation, \$353,081.55; description of assets, real estate; treasurer, E. T. Kimball; postoffice address, Portsmouth; directors signing return, Wallace Hackett, E. T. Kimball, W. F. Thayer.

Toy Manufacturing Company—Principal place of business, East Weare; incorporated, April 26, 1880; capital authorized, \$8,175; par value, \$25; capital issued, \$8,175; debts due corporation, \$400; debts due from corporation, \$3,681.40; assets, including debts due corporation, \$4,972; description of assets, mill, machinery, toys and stock; treasurer, J. C. Derby; postoffice address, Concord; directors signing return, B. C. White, J. C. Derby.

Tyson, Weare & Marshall Company—Principal place of business, Beacon Street, Boston, Mass.; incorporated, July 22, 1910; capital authorized, \$50,000; par value, \$100; capital issued, \$12,000; debts due corporation, \$54,746.60; debts due from corporation, \$33,396.85; assets, including debts due corporation, \$65,517.46; description of assets, contractor's plant and office equipment; treasurer, Thomas C. Tyson; postoffice address, 709 Fidelity Building, Portland, Me.; directors signing return, Thomas C. Tyson, Harry C. Weare, Levi W. Marshall.

Union Coal Company—Principal place of business, Manchester; incorporated, November 22, 1902; capital authorized, \$5,000; par value, \$25; capital issued, \$5,000; debts due corporation, \$5,798.46; debts due from corporation, \$3,464.86; assets, including debts due corporation, \$10,583.96; description of assets, wood and coal, buildings, fixtures, horses, wagons, etc.; treasurer, R. E. Wilson; postoffice address, 50 Massabesic Street, Manchester; directors signing return, Fred W. Coan, George S. Wilson, John A. Milner, Joseph Quirin.

Union Grange Fair Association—Principal place of business, Plymouth; incorporated, April 19, 1909; capital authorized, \$2,100;

par value, \$25; capital issued, \$2,100; debts due corporation, \$84.80; debts due from corporation, \$425.20; assets, including debts due corporation, \$3,247.14; description of assets, cash, real estate lease, buildings, tools, lumber, implements; treasurer, Willis F. Hardy; postoffice address, Ashland; directors signing return, Isa J. Smith, W. H. Neal, J. F. Smith, Richard Pattee.

Union Hall Company—Principal place of business, Littleton; incorporated, December 24, 1891; capital authorized, \$20,000; par value, \$100; capital issued, \$20,000; debts due corporation, \$681.75; debts due from corporation, \$439; assets, including debts due corporation, \$21,944.46; description of assets, Union Hall block and building in rear and land on which same is located; treasurer, George H. Tilton; postoffice address, Littleton; directors signing return, Charles F. Eastman, George H. Tilton, Jr., George H. Tilton.

United Cigar Stores Company—Principal place of business, Providence, R. I.; incorporated, September 11, 1902; capital authorized, \$100,000; par value, \$100; capital issued, \$98,000; debts due corporation, \$91,303.62; debts due from corporation, \$330,692.40; assets, including debts due corporation, \$367,778.91; description of assets, merchandise, furniture and fixtures; treasurer, C. A. Whelan; postoffice address, 44 West 18th Street, New York City; directors signing return, E. R. Steinieke, C. A. Whelan, H. S. Collins, Louis Biel.

W. A. Emerson's Sons—Principal place of business, Hampstead; incorporated, August 28, 1906; capital authorized, \$50,000; par value, \$50; capital issued, \$50,000; debts due corporation, \$47,522.67; debts due from corporation, \$32,456.64; assets, including debts due corporation, \$73,784.66; description of assets, stock, machinery, factory, real estate, bills receivable; treasurer, Daniel Emerson; postoffice address, Hampstead; directors signing return, Frank W. Emerson, Daniel Emerson.

Watertown Lumber Company—Principal place of business, Watertown, Mass.; incorporated, May 1, 1903; capital authorized, \$25,000; par value, \$100; capital issued, \$25,000; debts due corporation, \$55,565.62; debts due from corporation, \$64,968.22; assets, including debts due corporation, \$100,477.91; description of assets, real estate, lumber, lime, hair, cement, plaster, brick, sand, flue-lining and sewer-pipe; treasurer, P. T. Sprague; postoffice address, Watertown, Mass.; directors signing return, Percy T. Sprague, A. E. Noble.



West Side Company—Principal place of business, Manchester; incorporated, September 29, 1890; capital authorized, \$46,500; par value, \$100; capital issued, \$46,500; assets, \$49,593.11; description of assets, land and buildings, cash; treasurer, Mabel J. Brickett; postoffice address, 869 Beach Street, Manchester; directors signing return, John Dowst, Albert J. Knight, Horace Marshall, Mabel J. Brickett.

West Side Development Company—Principal place of business, Manchester; incorporated, March 10, 1910; capital authorized, \$5,000; par value, \$25; capital issued, \$2,352; debts due corporation, \$10,685.74; debts due from corporation, \$1,759; assets, including debts due corporation, \$16,322.24; description of assets, real estate; treasurer, J. L. Champagne; postoffice address, 531 North Main Street, Manchester; directors signing return, J. L. Champagne, H. J. Roberts, Jean Gosselin, Ubald Hebert, Omer Janelle, V. L. Janelle.

West Side Sewer Company—Principal place of business, Hanover; incorporated, May 2, 1892; capital authorized, \$1,300; par value, \$100; capital issued, \$1,300; assets, sewer and \$644.24 in savings bank; treasurer, Newton A. Frost; postoffice address, Hanover; directors signing return, Newton A. Frost, Frank W. Davison, A. W. Guyer.

W. H. McElwain Company—Principal place of business, Boston, Mass.; incorporated, February 4, 1911; capital authorized, \$5,000,000; par value, \$100; capital issued, \$5,000,000; debts due corporation, \$1,916,539.92; debts due from corporation, \$2,475,759.45; assets, including debts due corporation, \$7,578,030.25; description of assets, real estate, buildings, machinery, equipment, materials, merchandise, securities of other corporations, accounts and notes receivable; treasurer, Edward Prescott; postoffice address, Box 5222, Boston, Mass.; directors signing return, J. F. McElwain, Charles J. Prescott, Edward L. Prescott, Stanley King.

Whitefield Manufacturing Company—Principal place of business, Whitefield; incorporated, May 15, 1891; capital authorized, \$18,000; par value, \$100; capital issued, \$18,000; debts due corporation, \$15,225.89; debts due from corporation, \$24,667.96; assets, including debts due corporation, \$69,531.45; description of assets, mill and machinery, logs, lumber, teams, real estate, cash, book accounts; treasurer, F. W. Page; postoffice address, Whitefield; directors signing return, R. A. McKelvey, E. M. Bray, F. W. Page.



White Mountain Telephone and Telegraph Company—Principal place of business, Plymouth; incorporated, April 5, 1907; capital authorized, \$100,000; par value, \$25; capital issued, \$100,000; debts due corporation, \$21,267.76; debts due from corporation, \$47,077.36; reserves, \$20,966.48; assets, including debts due corporation, \$166,738.86; description of assets, telephone lines and material; treasurer, Davis B. Keniston; postoffice address, Plymouth; directors signing return, C. T. Keller, F. W. Story, M. B. Jones, J. N. Keller, John Gadd, Allen Hollis.

Whitney Brothers—Principal place of business, Marlborough; incorporated, January 4, 1908; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due corporation, \$3,555; debts due from corporation, \$8,201; assets, including debts due corporation, \$20,789; description of assets, land, buildings, machinery, lumber and stock finished and in process of manufacture, cash and notes; treasurer, Charles A. Whitney; postoffice address, Marlborough; directors signing return, Mark A. Whitney, A. V. Whitney, Charles A. Whitney.

Whittemore Company—Principal place of business, Fitzwilliam; incorporated, December 29, 1912; capital authorized, \$10,000; par value, \$100; capital issued, \$4,200; debts due from corporation, \$700; assets, \$4,200; description of assets, buildings and land; treasurer, Samuel S. Stone; postoffice address, Fitzwilliam; director signing return, Samuel S. Stone.

Wilkins Paper Box Company—Principal place of business, 65 Beverly Street, Boston, Mass.; incorporated, May 1, 1900; capital authorized, \$8,000; par value, \$100; capital issued, \$8,000; debts due corporation, \$5,711; assets, including debts due corporation, \$16,837; description of assets, machinery, straw and newsboard, paper, twine, glue, boxes made up and in process; treasurer, Charles L. Wilkins; postoffice address, 62 Page Road, Newtonville, Mass.; directors signing return, George H. Wilkins, Harry A. Wilkins, Charles L. Wilkins.

William Clow & Son—Principal place of business, Laconia; incorporated, October 24, 1907; capital authorized, \$50,000; par value, \$100; capital issued, \$50,000; debts due corporation, \$5,598.78; debts due from corporation, \$9,632.21; assets, including debts due corporation, \$101,559.21; description of assets, mill, machinery, stock, real estate; treasurer, Alonzo L. Clow; postoffice address, 48 Union Avenue, Laconia; directors signing return, Harry L. Clow, Alonzo L. Clow.

William B. Durgin Company—Principal place of business, Concord; incorporated, February 9, 1898; capital authorized, \$250,000; par value, \$100; capital issued, \$250,000; debts due corporation, \$168,572.18; debts due from corporation, \$265,741.23; assets, including debts due corporation, \$688,036.67; description of assets, real estate, factory equipment, merchandise; treasurer, John B. Abbott; postoffice address, Concord; directors signing return, F. C. Lawton, Barton P. Jenks, John B. Abbott, Frank S. Streeter, Benjamin A. Kimball.

William F. Allen Company—Principal place of business, West Stewartstown; incorporated, May 20, 1907; capital authorized, \$30,000; par value, \$100; capital issued, \$30,000; debts due corporation, \$9,799.63; debts due from corporation, \$47,376.54; assets, including debts due corporation, \$57,127.60; description of assets, electric lighting plants, West Stewartstown, Canaan Street, and Colebrook, dwelling houses, farms and timber land; treasurer, Henry A. Allen; postoffice address, West Stewartstown; directors signing return, Henry A. Allen, Wilman F. Allen.

William Highton & Sons Company—Principal place of business, Nashua; incorporated, October 29, 1909; capital authorized, \$120,000; par value, \$100; capital issued, \$120,000; debts due corporation, \$22,219.09; debts due from corporation, \$14,931.60; assets, including debts due corporation, \$138,408.61; description of assets, land and buildings, machinery and tools for manufacturing warm air registers, heating and ventilating supplies and general hardware, finished goods and in process and raw material; treasurer, Enoch Shenton; postoffice address, Nashua; directors signing return, Enoch Shenton, James H. Shenton, John Hagerty, Charles M. Shenton.

William M. Eames Drug Company—Principal place of business, Manchester; incorporated, June 1, 1903; capital authorized, \$5,000; par value, \$100; capital issued, \$5,000; debts due corporation, \$436; debts due from corporation, \$872.60; assets, including debts due corporation, \$6,500; description of assets, drugs, medicines, soda fountain cases and fixtures, confectionery, rubber goods, toilet articles, etc.; treasurer, Cleon D. Tufts; postoffice address, Manchester; directors signing return, Hortense P. Eames, William M. Eames, Cleon D. Tufts.

Wilton Telephone Company—Principal place of business, Wilton; incorporated, May 22, 1900; capital authorized, \$10,000; par value, \$100; capital issued, \$10,000; debts due corporation, \$1,435.96;

debts due from corporation, \$299.11; assets, including debts due corporation, \$6,935.96; description of assets, telephone systems; treasurer, W. H. Emerson; postoffice address, Wilton; directors signing return, George E. Bales, F. W. Clark, Joshua F. Frye, W. I. Durgin.

Winchester Tannery Company—Principal place of business, Winchester; incorporated, January 4, 1894; capital authorized, \$100,000; par value, \$500; capital issued, \$100,000; debts due corporation, \$18,044.19; debts due from corporation, \$25,814.53; assets, including debts due corporation, \$197,716.94; description of assets, real estate, machinery and merchandise; treasurer, Arthur C. Lawrence; postoffice address, 95 South Street, Boston, Mass.; directors signing return, George H. Smith, Arthur C. Lawrence, Willis R. Fisher.

Winnepesaukee Lake Transportation Company—Principal place of business, Laconia; incorporated, March 24, 1905; capital authorized, \$16,000; par value, \$100; capital issued, \$16,000; debts due corporation, \$882.39; debts due from corporation, \$8,103.95; assets, including debts due corporation, \$26,154.19; description of assets, steamboats, barges, wharf sidings; treasurer, C. W. Tyler; postoffice address, Laconia; directors signing return, G. H. Saltmarsh, William A. Plummer, Stephen S. Jewett, Dennis O'Shea.

Winnepesaukee Telephone Company—Principal place of business, Laconia; incorporated, March 24, 1909; capital authorized, \$200,000; par value, \$25; capital issued, \$200,000; debts due corporation, \$13,971.40; debts due from corporation, \$23,090.64; reserves, \$15,298.21; assets, including debts due corporation, \$238,446.94; description of assets, telephone lines and material; treasurer, Edmund S. Willard; postoffice address, 50 Oliver Street, Boston, Mass.; directors signing return, J. N. Keller, M. B. Jones, F. W. Story, C. T. Keller, C. W. Vaughan.

Witch Hazel Tonic Company—Principal place of business, Manchester; incorporated, May 15, 1908; capital authorized, \$5,000; par value, \$25; capital issued, \$5,000; debts due corporation, \$79.69; assets, including debts due corporation, \$5,331.42; description of assets, accounts receivable, formula, stock, material, tools and implements; treasurer, Walter B. Mitchell; postoffice address, Manchester; directors signing return, Walter B. Mitchell, Charles G. Ranno, Martha B. Ranno.

Wonalancet Company—Principal place of business, Nashua; incorporated, October 23, 1905; capital authorized, \$100,000; par value, \$100; capital issued, \$100,000; debts due corporation, \$31,992.62; debts due from corporation, \$70,000; assets, including debts due corporation, \$211,038.88; description of assets, accounts receivable, cash, land and buildings, machinery, supplies, cotton, raw and in process; treasurer, Harry H. Blunt; postoffice address, Nashua; directors signing return, Lester F. Thurber, Sam S. Dearborn.

Woodbury E. Hunt Company—Principal place of business, Concord; incorporated, August 29, 1907; capital authorized, \$43,000; par value, \$100; capital issued, \$43,000; debts due corporation, \$18,463.89; debts due from corporation, \$26,045; assets, including debts due corporation, \$65,613.80; description of assets, manufactured and unmanufactured stock, machinery, fixtures and accounts; treasurer, Arthur H. Knowlton; postoffice address, Concord; directors signing return, Woodbury E. Hunt, Charles T. Staniels, Harry J. Brown, Josiah E. Fernald, Arthur H. Knowlton.

Woodstock Lumber Company—Principal place of business, Woodstock; incorporated, January 2, 1908; capital authorized, \$200,000; par value, \$100; capital issued, \$200,000; debts due corporation, \$243,389.68; debts due from corporation, \$38,324.26; assets, including debts due corporation, \$478,935.67; description of assets, machinery and tools, lumber, logging equipment, merchandise and supplies; treasurer, Martin A. Brown; postoffice address, 131 State Street, Boston, Mass.; directors signing return, Edward K. Woodworth, Martin A. Brown, Fred E. Thorpe, H. B. Moulton.

Woodsum Steamboat Company—Principal place of business, Concord; incorporated, October 27, 1886; capital authorized, \$25,000; par value, \$50; capital issued, \$25,000; debts due corporation, \$300; assets, including debts due corporation, \$40,000; description of assets, steamboats, wharves, real estate, tools, etc.; treasurer, John E. Robertson; postoffice address, Concord; directors signing return, Daniel R. Woodsum, Frank M. Woodsum, B. C. White, John E. Robertson.

Zeta Association of Psi Upsilon—Principal place of business, Hanover; incorporated, July 7, 1875; debts due corporation, \$62.50; debts due from corporation, \$6,950; mortgage, bills payable, \$200; assets, including debts due corporation, \$10,787.50; description of assets, improved real estate; treasurer, Edwin J. Bartlett; postoffice address, Hanover; directors signing return, Eugene F. Clark, A. C. Ferguson, Robert L. Taylor, W. J. Tucker, Edward A. Davis.

## Abstract of Corporation Records

IN THE OFFICE OF THE SECRETARY OF STATE DURING  
YEAR ENDING AUGUST 31, 1912,

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"The Abbott Auto Company," Derry. Capital stock, \$5,000; par value, \$100. Object: "Dealing in automobiles, carriages, sleighs, sleds, and repairing the same; contractors and builders; milling lumber; manufacturers of novelties; dealers in coal, wood, and office furniture, second hand building materials and buying and selling real estate." Incorporators: Converse H., Emma A., Wallace W., and Inez E. Abbott, George M., and Ethel Burdette, Derry. Date of record, January 30, 1912.

"Abbott-Burt Lumber Company," Dorchester. Capital stock, \$5,000; par value, \$100. Object: "Buying and selling lumber; manufacturing lumber; buying, owning, and selling real estate and other property." Incorporators: Charles W. Abbott, Derry; Frank A., and Alden S. Burt, George N. Burnham, North Dorchester; David F. Perkins, Londonderry. Date of record, January 22, 1912.

"Abbot and Downing Company," Concord. Capital stock, \$75,000; par value, \$100. Object: "The manufacture and sale of wheeled vehicles of all kinds and for the manufacture and sale of all instrumentalities on wheels and of harnesses." Incorporators: Samuel C. Eastman, Josiah E. Fernald, Fred N. Ladd, Ernest A. Bunker, and Henry F. Hollis, all of Concord. Date of record, February 21, 1912.

"Abbot and Downing Company," Concord. Capital stock increased. Date of record, April 18, 1912.

"Alonzo Elliott & Company," Manchester. Capital stock increased. Date of record, May 16, 1912.

"Amoskeag Textile Club," Manchester. No capital stock. Object: "To advance the acquaintanceship of employees of the Amoskeag Mfg. Co. with each other; to provide social recreation and amusement for its members; to promote athletics and all healthful sports." Incorporators: William Parker Straw, Alfred Hobbs, Manley H. Varney, John W. Rowley, Forrester E. Jewett, and seven others, all of Manchester. Date of record, June 28, 1912.



“Ashuelot Gas and Electric Company,” Winchester. Capital stock, \$140,000. Object: “(1) To engage in the business of supplying gas and electric energy for light, heat, and power, and other lawful uses, and transmitting and conducting the same; (2) to generate, manufacture, purchase, transmit, conduct, and convey gas and electric energy for any lawful purpose; (3) to construct, maintain, and manage lines for transmitting or distributing gas, over private property or in the public highways under the provisions of law relating thereto; (4) to acquire, own, and develop water powers upon the Ashuelot river or elsewhere for use in its business, and for said purpose, to acquire rights of flowage and drainage in any manner provided by law; (5) to manufacture, purchase, sell and otherwise deal in gas and electric fixtures, conductors, machinery, appliances, and accessories, and to install, maintain and repair the same, and to manufacture and deal in such other articles and commodities as the corporation may consider expedient; (6) to acquire by purchase and other lawful means all real estate, personal property, rights, and franchises necessary or convenient for carrying on any or all of the foregoing purposes; (7) to acquire by purchase or otherwise, and to hold, manage and sell the stocks, bonds and notes of other corporations engaged in any of the lines of business in which this corporation shall be empowered to engage; (8) to make and perform contracts in connection with the purposes herein specified; (9) to borrow money when required for the lawful purposes of the corporation, and to issue its notes or bonds for the same, to be secured by mortgage upon its property, rights and franchises as and when authorized by vote of the corporation.” Incorporators: Allen Hollis, George B. Lauder, Concord; Clare D. Beverstock, Edward L. Gay, Louis G. Litchfield, Keene. Date of record, September 20, 1911.

“B. H. Piper Building Company,” Manchester. Capital stock, \$18,000; par value, \$100. Object: “To buy and sell land; erect buildings; lease land and buildings; deal generally in real estate and manage the same, and to carry on such other branches of business as may be incidental thereto.” Incorporators: Owen H. Johnson, Richard H. Harris, Edwin F. Jones, George H. Warren, Allan M. Wilson, Manchester. Date of record, March 7, 1912.

“The Bean Cemetery Association,” Moultonborough. No capital stock. Object: “The care, oversight and management of the best interests of the ‘Bean Cemetery,’ situated in the town of Moultonborough.” Incorporators: Lewis A. Sibley, Albert E., and Julia W. Hutchins, Edgar W., and Hattie E. Smith, Centre Harbor. Date of record, March 22, 1912.



“Bean & Symonds Co.,” West Rindge. Capital stock, \$50,000. Object: “The purchase, development and sale of real estate, the manufacture and sale of boxes, shooks, pails and woodenware and other articles, and the transaction of any other business not prohibited by law.” Incorporators: Deleie D. Bean, Merrill G. Symonds, Charles L. Rich, and John G. Townsend, East Jaffrey; Orville E. Cain, Keene. Date of record, March 9, 1912.

“The Belknap County Percheron Association,” Sanbornton. Capital stock, \$2,600; par value, \$200. Object: “To improve the breed of draught horses in Belknap county and other counties in New Hampshire, and to this end to own, manage and let for service, the stallion, ‘Impuni,’ or any other stallion or stallions which may become the property of said corporation, and to hold property and transact any and all such other business as may necessarily or conveniently further the object of said corporation.” Incorporators: John S. Wallis, Frank A. Burleigh, E. W. Sanborn, Charles A. French, Laconia; Vern C. Harvey, George Woodman. Date of record, April 27, 1912.

“The Berkeley Moving Picture Company,” Concord. Capital stock, \$1,500; par value, \$30. Object: “To carry on a general theatrical business, the conducting and managing of moving picture business; to hold, purchase, convey, mortgage or lease within or without the state such real estate or personal property as the purpose of this corporation may require.” Incorporators: Arthur J., Emma L., and D. J. Adams; Joseph A. Donigan, James H. Morris, Concord. Date of record, March 15, 1912.

“Blanchard-Currier Co.,” Nashua. Name changed to The Herbert E. Rice Co. Date of record, May 2, 1912.

“The Bow Brook Club,” Concord. No capital stock. Object: “Social recreation and amusement.” Incorporators: Frank J. Sulloway, E. C. Hirst, William A. Foster, Isaac Hill, Harry J. Brown, Concord. Date of record, June 3, 1912.

“Brotherhood Building Association of Manchester, N. H.,” Manchester. Capital stock, \$6,000; par value, \$200. Object: “(1) The raising of money by monthly assessments on each share of stock of the face value of \$200 until par value has been paid up, and thereafter as well, to give the said stock additional moneys with which to operate its business; (2) to acquire by purchase or otherwise real estate situated in the State of New Hampshire aforesaid for the pur-

poses of holding, to rent, lease, sell or otherwise deal with as will yield the largest profits to the corporation." Incorporators: Arthur Bronillette, Omer Janelle, Joseph Croteau, Zepherin Lupin, Calixte Pinsonneault, and five others, all of Manchester. Date of record, April 25, 1912.

"The Business and Finance Company," Concord. Decree of dissolution filed December 5, 1911.

"C. R. Sawyer Company," Manchester. Capital stock, \$1,500; par value, \$300. Object: "To manufacture, buy, sell, import, export, and generally deal in all kinds of vehicles, engines, machines, or appliances for the generation of steam, electric, gasoline, or other power for the purpose of propelling cars, carriages, wagons, trucks, and vehicles of every kind and description; and also to manufacture, buy, sell, import, export, and generally deal in machinery of all kinds, and such mechanical devices and engineering appliances as are generally manufactured, bought, sold, exported, imported, and dealt in by manufacturers and dealers in a similar line of business, and to purchase and hold its own shares of stock." Incorporators: C. R. Sawyer, Fred J. Duguay, Ernest R. Belanger, Manchester; Edmund G. Trudel, George N. Morin, Derry. Date of record, November 24, 1911.

"Canaan Street Golf Club," Canaan. No capital stock. Object: "The maintenance of a golf course at Canaan Street in the town of Canaan, New Hampshire." Incorporators: W. B. Hinkley, F. D. Currier, Francis L. Sawtell, Canaan; John W. Dunklee, Boston, Mass.; William G. Wheat, Springfield, Mass.; Lincoln R. Welch, Fitchburg. Date of record, August 5, 1912.

"Central Vermont Railway Company," St. Albans, Vt. Conditional sale of railway equipment recorded March 2, 1912, and May 24, 1912.

"Charles H. Tenney & Company," Boston, Mass. Capital stock, \$25,000. Object: "(1) Managing and operating gas, electric, street railway and other public service corporations and other business enterprises in this state and elsewhere, and acquiring, holding and disposing of the notes, stocks and bonds of such corporations and enterprises; (2) engaging in the business of consulting, constructing and operating engineers for steam, hydraulic, railway, gas, electric and other development and operation; (3) dealing in machinery, appliances, materials, and supplies, and acting as purchasing agent in

connection with the foregoing business; (4) engaging as financial agent for other corporations, individuals, co-partnerships and associations and as registrar or transfer agent of corporation stock transfers; (5) loaning money upon real estate or collateral security or otherwise; (6) engaging in such other business not prohibited to voluntary corporations under New Hampshire law as may be determined by the corporation." Incorporators: Charles H. Tenney, Hartford, Conn.; Allen Hollis, Levin J. Chase, W. F. Stevens, L. M. Mason, Concord. Date of record, May 16, 1912.

"Cheshire Chemical Company," Winchester. Capital stock, \$1,200; par value, \$25. Object: "The manufacture and sale of chemicals and chemical products, and in particular the manufacture and sale of a sweeping compound called 'Dust-Void'." Incorporators: James H. Bliss, W. H. Luckett, H. W. Eastman, Angie F. Couillard, Belle F. Eastman, Fannie E. Luckett, Winchester. Date of record, Feb. 13, 1912.

"Cheshire Granite Company," Roxbury. Decree of dissolution filed April 23, 1912.

"Cheshire Publishing Company," Keene. Decree of dissolution filed December 30, 1911.

"Cheshire Republican Company," Keene. Capital stock increased. Date of record, December 12, 1911.

"Chesley Apartment Company," Concord. Capital stock, \$15,000; par value, \$100. Object: "To hold real estate and personal property." Incorporators: Walter Chesley, Newton Upper Falls, Mass.; John E. Chesley, Arabella C. Cass, Suncook; Warren S. Chesley, Annie C. Benton, Joseph Benton, Concord; Gulielma C. Kelly, Pittsfield. Date of record, March 15, 1912.

"The Chocorua Company," Tamworth. Capital stock, \$50,000; par value, \$100. Object: "To conduct a hotel business, horse, automobile and boat livery; the promotion of agriculture, and the conducting of an electric lighting plant; dealing in general merchandise, and to do all other things relative or appertaining thereto." Incorporators: Mark E. Robertson, Elmer R. Robertson, Chocorua; Charles R. Piper, Walter B. Grant, Rose B. Piper, Boston, Mass. Date of record, February 24, 1912.

"The Citizens Building and Loan Association," Berlin. Capital stock limited to \$1,000,000. Object: "Accumulating the savings

of its members, and of loaning the funds so accumulated to its members to enable them to purchase homesteads and to improve their condition." Incorporators: Herman E. Miles, Caleb Wright, J. A. Vaillancourt, Charles E. James, Fred W. Rahmanop, and 22 others, all of Berlin. Date of record, January 25, 1912.

"The Citizens Railway Materials Company," Portsmouth. Capital stock, \$10,500; par value, \$25. Object: "To acquire all or part of the railway material heretofore used by the Portsmouth and Exeter Street Railway, including tracks, ties, spikes, bonds, poles, wires and wire, cross-arms, fixtures, implements, and all and every material thing heretofore used in connection with said Portsmouth and Exeter Railway Company, or any part thereof, and to use, sell, lease, and deal with the same by contract or otherwise with any person or persons, firm or firms, corporation or corporations, and generally to engage in the business of buying, selling, renting, leasing, and exchanging railway materials, and to transact any business and to do any other thing or things, which are or may be necessarily or conveniently incident to dealing in, hiring and renting railway materials, and to engage in any other business allied thereto and calculated to advance the welfare of this corporation, including the buying, selling, and holding of real estate." Incorporators: William E. Marvin, Daniel W. Badger, Norman H. Beane, Harry T. Wendell, Portsmouth; Charles H. Brackett, Greenland; and four others, all of Portsmouth. Date of record, June 22, 1912.

"The City Garage Company," Nashua. Capital stock, \$4,000; par value, \$25. Object: "Carrying on the automobile and painting business." Incorporators: G. L. Erb, J. K. Martin, E. Ray Shaw, Jessie A. Kennedy, H. M. Lewis, Nashua. Date of record, May 16, 1912.

"Colonial Farm, Incorporated," Temple. Capital stock, \$10,000; par value, \$100. Object: "The production of high grade poultry and farm products, and to deal generally in such real and personal estate as may be deemed profitable in the prosecution of its business." Incorporators: Charles W. and Francelia M. Tobey, F. Raymond Gibbs, Temple; William H. Tobey, Leslie Langill, Boston, Mass. Date of record, February 19, 1912.

"Concord Belting Company," Concord. Capital stock, \$40,000; par value, \$100. Object: "To manufacture leather belting, leather goods and other kinds of merchandise, also to deal in hardware, mill supplies, and other kinds of merchandise as the best interests of the

corporation require; to acquire properties or securities of other concerns engaged in a similar line of manufacture; to buy or sell real estate according to the necessities of the business." Incorporators: Walter L. Jenks, Eben M. Willis, John Brooks, William T. Bell, Edward S. Willis. Date of record, October 3, 1911.

"Concord Elks Club," Concord. Name changed from "Concord Lodge, No. 1210, Benevolent and Protective Order of Elks." Date of record, April 26, 1912.

"Concord Hardware Company," Concord. Capital stock, \$20,000; par value, \$100. Object: "To conduct a wholesale and retail hardware business." Incorporators: Walter L. Jenks, Eben M. Willis, John Brooks, William T. Bell, Edward S. Willis, Concord. Date of record, October 3, 1911.

"Concord Lodge, No. 1210, Benevolent and Protective Order of Elks," Concord. Name changed to "Concord Elks Club." Date of record, April 26, 1912.

"Conway Club," Conway. No capital stock. Object: "To encourage and stimulate good moral influences, social recreation, amusement, mental and physical improvement, and to promote good fellowship among its members." Incorporators: M. J. Bowler, A. H. McLam, M. McCarthy, H. A. Chamberlin, J. Melton Noble, Conway. Date of record, October 7, 1911.

"Currier Needle Company," Manchester. Articles of agreement amended. Date of record, April 4, 1912.

"Crosby Manufacturing Company," Nashua. Capital stock, \$5,000; par value, \$100. Object: "The manufacture of furniture and any article of merchandise made with wood or iron; the ownership of land, buildings, machinery and appliances for conducting said business." Incorporators: Edward H. Wason, Elbridge P. Heath, Samuel A. T. Spence, George F. Warren, Thomas F. Moran, Nashua. Date of record, January 8, 1912.

"Dickinson Real Estate and Lumber Company," Winchester. Capital stock, \$90,000; par value, \$100. Object: "To carry on and conduct the business of lumbering in all its branches and all other business which may be useful or profitable as incidental thereto, and for that purpose to purchase, hold, possess, and own any property, real and personal, which may be necessary or convenient for the



prosecution of said business, and generally to do all things incidental to said business or connected therewith." Incorporators: Mary T. Dickinson, LaFell Dickinson, John H. Dickinson, Ashuelot; William E. Dickinson and Flossie N. Dickinson, Greenfield, Mass. Date of record, October 26, 1911.

"E. E. Bishop Company," Bethlehem. Capital stock, \$20,000; par value, \$100. Object: "A general farming business; the purchase and sale of real estate, wood, timber, lumber, livestock, hay, grain, and all kinds of farm products; operating milk routes; the cutting, purchase and sale of ice; the establishment and operation of cold storage warehouses, both public and private, in Bethlehem and elsewhere; the purchase and sale of poultry, eggs, butter, fruit, vegetables, and all other kinds of merchandise, at wholesale and retail; receiving and distributing the same from the home office and storehouses in Bethlehem, and from such other branch or branches as may be established in carrying on the business of the corporation; to carry on all other kinds of business which may be incidental to, connected with, or in aid of the prosecution of any and all of the different classes of business above described." Incorporators: Edward E., Carrie M., Harry J. Bishop, F. P. Bond, George H. Tilton, Littleton. Date of record, January 8, 1912.

"E. M. Chase Company," Manchester. Capital stock, \$25,000; par value, \$100. Object: "To buy, sell and deal in all kinds of merchandise and personal property, both at wholesale and retail; to conduct general stores; to buy, hold, manage and sell real estate; to buy, hold and sell stocks, bonds and other securities; to conduct a general business agency, and to carry on such other branches of business as may be incidental thereto or conveniently conducted therewith." Incorporators: Edward M. Chase, Eva M. Currier, Edwin F. Jones, Robert L. Manning, Allan M. Wilson, Manchester. Date of record, July 10, 1912.

"East Jaffrey Manufacturing Company," East Jaffrey. Capital stock, \$9,000; par value, \$100. Object: "The manufacture of lumber, match blocks, boxes, and any or all articles made with wood-working machinery; the holding of real estate; the building of factories; the sale or rental of such real estate as it may own for any lawful purpose, or of operating the same." Incorporators: James H. Fitzgerald, Joseph White, Fred L. Cournoyer, Ernest B. Garfield, W. H. Goodnow, and three others, all of East Jaffrey. Date of record, May 24, 1912.



"The Eldridge-Baker Company of New Hampshire," Manchester. Capital stock, \$35,000; par value, \$100. Object: "The manufacture, purchase and sale either at wholesale or retail of wooden ware, drugs, medicines, groceries, grain, flour, hay, butter, eggs, poultry products, provisions, canned goods, vegetables, and all kinds of farm, dairy, and food products; the establishment and operating of canning factories for fruits, vegetables, farm and food products of all kinds together with the sale of the products of such factories; the conducting of a general produce business in all of its branches, as well as the carrying on of a commission, importer, and jobbers' business and acting as commission agent for others; the constructing, leasing, owning and operating of warehouses for cold storage purposes, refrigerator cars, and any and all appliances and apparatus used or capable of being used in connection therewith; also the holding and acquiring of real estate necessary for any of the foregoing purposes, or connected therewith." Incorporators: Austin L. Baker, W. Medford, Mass.; Albert C. Frost, James Kearns, Michael T. Burke, P. J. Charron, Charles D. Steele, Thomas E. Burke, G. T. Robinson, Manchester. Date of record, February 1, 1912.

"The Eldridge Baker Company of New Hampshire," Manchester. Certificate of capital stock fully paid. Date of record, April 26, 1912.

"Elmer D. Goodwin Company," Manchester. Capital stock, \$4,000; par value, \$100. Object: "To conduct a general livery business, a general undertaking business; to buy, hold and sell real estate; to engage in fruit growing and farming, and to carry on such other branches of business as may be incidental thereto or conveniently conducted therewith." Incorporators: Elmer D., Ella L. Goodwin, Mary B. Cate, Frank Barndollar, John I. Morse, Manchester. Date of record, April 18, 1912.

"Emerson Paper Company," Sunapee. Capital stock increased. Date of record, December 4, 1911.

"Emerson Paper Company," Sunapee. Capital stock increased. Date of record, January 20, 1912.

"Emerson Paper Company," Sunapee. Capital stock increased. Date of record, February 23, 1912.

"Evangelisue Greek Orthodox Church," Manchester. Object: "Erection and maintenance of a church and school, hospital, library

and cemetery for the benefit of the Greek Orthodox believers of Hellenic origin." Incorporators: Demetrius Cassis, Bill Ghiates, George Capadis, George Veliotepoulos, Apostolos Stakos, and four others, all of Manchester. Date of record, June 25, 1912.

"Falcon Gymnastical Club of Manchester, N. H.," Manchester. No capital stock. Object: "To conduct musical, literary, dramatic, social and athletic entertainments, and to promote intellectual and physical culture." Incorporators: Wozieich Swist, Wencorty Filip, Jakob Fafara, F. A. Purull, Jan Wyskiel, Manchester. Date of record, May 23, 1912.

"Family Shoe Store," Manchester. Capital stock, \$8,000; par value, \$100. Object: "To acquire, own and conduct a general mercantile business, the buying and selling of boots, shoes and all kinds of footwear, and the owning, holding or leasing of such real estate or personal property as may be necessary or convenient for the purpose of said business." Incorporators: Alfred A. Gosselin, Dennis J., and James J. Dowd, Wilfred F. Beauchim, Joseph D. Boisclair, Manchester. Date of record, March 26, 1912.

"The Farmers Implement Company," Laconia. Capital stock, \$100,000; par value, \$100. Object: "To manufacture, assemble, buy, sell, import, export, and deal in agricultural implements and machinery of all kinds, including implements and machinery and machinery for cutting and harvesting all kinds of crops, as well as all parts and materials of which such implements and machinery may be composed and constructed; to purchase, lease or otherwise acquire all lands and buildings necessary to such operations, and to hold, sell, mortgage, or otherwise dispose of the same; to purchase or otherwise acquire any patents or letters patent now or hereafter issued by the United States or by any foreign country covering or protecting such machinery, implements, parts, process of manufacture, or use thereof; and also to sell rights to manufacture and sell under such patents and reserve royalties thereon." Incorporators: Jonathan M. Cheney, Frank S. Edwards, Ashland; Amber R. Conner, Meredith; Oscar L. Young, Laconia; Samuel S. Baldwin, Minneapolis, Minn. Date of record, August 13, 1912.

"The Farmington Building and Loan Association," Farmington. Capital stock limited to \$200,000. Object: "Accumulating the savings of its members and loaning to them the funds thus accumulated to enable them to purchase homesteads and to improve their

condition." Incorporators: Edward T. Willson, Samuel S. Parker, Arthur L. Perkins, Edwin H. Thomas, Ned L. Parker, and 30 others, all of Farmington. Date of record, July 29, 1912.

"First Free Baptist Church and Society of Laconia," Laconia. Articles of incorporation amended. Date of record, May 4, 1912.

"The First Universalist Society of Concord, N. H.," Concord. No capital stock. Object: "The maintenance of religious services." Incorporators: Henry H. Metcalf, Arthur L. Willis, Edward H. Hardy, Benjamin C. White, Ermina Ward, and 22 others, all of Concord. Date of record, January 3, 1912.

"Flanders Hardware Company," North Weare. Capital stock, \$10,000; par value, \$50. Object: "Manufacturing, buying and selling tools and cutlery of all kinds and all products of iron and steel, wood handles, wood turnings of all kinds, lumber and all products of wood." Incorporators: William W. Flanders, Mabel A. Flanders, Frank Tucker, North Weare; Oliver E. Branch, Oliver W. Branch, Manchester.

"The Foster Cemetery Association," Wentworth. No capital stock. Object: "To repair and improve the Foster Cemetery of Wentworth." Incorporators: Joshua E., Ben B., and Ellen A. Foster, Anna M., and Martha A. Brown, Ella C. Stinson, West Rumney. Date of record, July 3, 1912.

"Franklin Armory Association," Franklin. Capital stock, \$7,500; par value, \$100. Object: "The purchase of land and erection of a building to be rented for the uses of an armory and such other purposes as may be desired." Incorporators: Edward G. Leach, Daniel E. Davis, Eugene W. Leach, Frank Proctor, Omar A. Towne, Franklin. Date of record, March 28, 1912.

"Franklin Fife and Drum Corps," Franklin. Capital stock, \$162; par value, \$27. Object: "To encourage the study of music among its members and to give public and private performances for mutual gain and profit." Incorporators: William H., George T. Turcotte, Ernest F. Goyet, Docite J. Rosseau, Stephen J. Hebert, Louis J. Donyez, Franklin. Date of record, June 17, 1912.

"Free Press Company," Lebanon. Capital stock, \$5,000; par value, \$50. Object: "Printing and publishing a newspaper or newspapers, and conducting a printing business and such other work

and business as is commonly carried on in newspaper and printing offices." Incorporators: Frank C., Clara G. Churchill, Fred W., Cora M. Cheney, Lebanon; Harry M. Cheney, Concord. Date of record, May 11, 1912.

"The Friendly Club of Concord, New Hampshire," Concord. No capital stock. Object: "To form a social centre for all women, residents of Concord, which shall provide opportunity for friendly intercourse, mutual service, self improvement and recreation." Incorporators: Mary C. Eastman, Abby G. Fiske, Agnes Mitchell, Grace E. Foster, Grace P. Amsden, Addie M. Pearson, Margaret A. Spencer, all of Concord. Date of record, January 6, 1912.

"The Gale Shoe Company," Portsmouth. Capital stock, \$100,000. Object: "The manufacture and sale of boots, shoes and slippers and the manufacture of and merchandising in such goods as are connected with the manufacture and sale of boots, shoes and slippers." Incorporators: H. E. Gale, George H. Carter, Haverhill, Mass.; H. Clinton Taylor, John W. Kelly, Portsmouth, Mary I. Pattinson, Bradford, Mass. Date of record, March 20, 1912.

"The Gamma Theta Fraternity," Durham. Capital stock, \$20,000; par value, \$10. Object: "Social recreation, amusement, and mental improvement." Incorporators: John E. Robinson, M. Gale Eastman, Roy E. Batchelder, Russell W. Garland, Eldred L. Sanborn, and 11 others, Durham. Date of record, May 24, 1912.

"Gate City Tent, No. 17, Knights of the Maccabees," Nashua. No capital stock. Object: "To establish, maintain and carry on the charitable, literary and social work as practiced by the Knights of the Maccabees of the World." Incorporators: Michael J. Mulvanity, Henry T., Elzeard Trudeau, Augustin Girouard, Appollinaire Desmarais, and 11 others, all of Nashua. Date of record, May 8, 1912.

"Girouard Granite Company," Nashua. Capital stock, \$3,000. Object: "To carry on the granite and stone mason business; to take contracts for stone mason work of various kinds and to execute the same; to do stone mason job work; to buy and sell the products of quarries and stone mason work; to own real and personal property." Incorporators: Peter, Sr., Peter, Jr., Joseph, Rose, Pamela Girouard, Nashua. Date of record, October 31, 1911.

"Gonic Cemetery Association," Gonic Village (Rochester). No capital stock. Object: "To take and hold funds in trust, to apply the income thereof to the improvement, watering, or embellishment of the cemetery or to the care, preservation, or embellishment of any lot therein or its appurtenances; also, the provision of suitable grounds and other conveniences for the burial of the dead." Incorporators: John Levi Meader, Ellen F. Whitehouse, Laura Varney, Sophronia and Ida Gray, Justin H. Gear, Gonic; Albert D. Jones, Rochester. Date of record, August 7, 1912.

"The Governor Weare Hall Association," Seabrook. No capital stock. Object: "To build and maintain a hall for the use of Governor Weare Council, No. 15, Order of United American Mechanics of Seabrook, New Hampshire, and to rent the said hall for whatever purposes said corporation may vote; to turn over all proceeds received over and above the cost of said hall and running expenses to said Governor Weare Council, No. 15." Incorporators: Lincoln L. Brown, Stephen W. Watts, William L. Boyd, Samuel A. Brown, Ronnie E. Eaton, of Seabrook, and four others, of Hampton Falls. Date of record, July 22, 1912.

"Granite State Mowing Machine Company," Hinsdale. Capital stock increased. Date of record, October 25, 1911.

"The Granite State Well Company," Nashua. Capital stock, \$100,000; par value, \$25. Object: "Drilling and driving artesian and driven wells; own and equip buildings; light manufacturing." Date of record, May 8, 1912.

"H. Proodos," Manchester. No capital stock. Object: "The mutual benefit of its members in cases of sickness by providing proper medical attendance and care at home or in hospitals or procuring their return to their native land in case of serious illness." Incorporators: John Tsetseas, George Bakalis, Vasilios Kontowlis, Stefanos Tritsias, Vasioios Mazkonlis, Manchester. Date of record, March 25, 1912.

"H. B. Needham Basket Company," Peterborough. Preferred capital stock reduced; common capital stock increased. Date of record, April 18, 1912.

"Hancock Educational Association," Hancock. No capital stock. Object: "To receive by gift, devise, bequest or otherwise, and to hold any real or personal estate for the purpose of establishing



and maintaining a non-sectarian high school or academy in the town of Hancock, N. H." Incorporators: Frank Pearson, Lewis Hunt, Charles A. Upton, George W. Goodhue, Christy H. Duncan, and 38 others, all of Hancock. Date of record, November 7, 1912.

"Hebert Jewelry Company," Manchester. Capital stock, \$10,000; par value, \$100. Object: "Manufacturing, buying, repairing, selling or otherwise disposing of musical instruments of any and all kinds, makes and descriptions, watches, clocks, jewelry and all kindred articles." Incorporators: Albertine A., Winfred D., Alphonse and Emile Hebert, Manchester; Harry A. DeVaux, Worcester, Mass. Date of record, August 21, 1912.

"The Hebert Manufacturing Company," Franklin. Capital stock, \$10,000; par value, \$100. Object: "The general manufacture of piston rings and other automobile accessories." Incorporators: Napoleon H. Hebert, Maxime A. Proulx, Gedeon H. Hebert, Matilda J. Rosseau, Regina Morin, Hector Morin, Franklin. Date of record, June 27, 1912.

"Highland Spring Sanatorium," Nashua. Decree of dissolution filed December 23, 1911.

"The Hill Grocery and Provision Company," Laconia. Capital stock, \$3,000; par value, \$25. Object: "To conduct and carry on a general grocery, provision and grain business at wholesale and at retail, and for that purpose, to export, import, buy, sell and generally deal in all kinds of groceries, provisions, flour, hay, grain, and feed, and to include besides all goods usually kept and sold in first class grocery stores, vegetables of all kinds, meats, fish, fresh and cured, fresh, dried and canned fruits, butter, cheese, eggs, milk and cream, illuminating and other oils, candies, cigars and tobacco, mops, pails and brooms." Incorporators: A. Eugene, Lillian L. Hill, J. Frank, Clara E. Sleeper, Laconia; May E. Brady, Newburyport, Mass. Date of record, May 6, 1912.

"Hillside Cemetery Association," Gilmanton. No capital stock. Object: "The care, improvement and future preservation of Hillside Cemetery." Incorporators: Mrs. Harriet E. Reed, Arlington, Mass.; Mrs. Jennie E. Hardy, Manchester; Marianne Lougee, Mrs. Clara J. Clough, Mrs. Maude G. Ballard, Gilmanton, and 6 others. Date of record, August 28, 1912.



“Holt Brothers Manufacturing Company,” Concord. Certificate filed November 3, 1911.

“Howard Hotel Company,” Bartlett. Capital stock, \$20,000; par value, \$100. Object: “Hotel, garage and livery stable.” Incorporators: G. K. and Nellie A. Howard, H. L. Bowen, W. H. Irish, Bartlett; Walter D. H. Hill, North Conway. Date of record, June 25, 1912.

“The Independent Religious Society of Winnisquam, N. H.,” Sanbornton. No capital stock. Object: “To promote the worship of God, to further the cause of education and to improve the general moral and religious condition of the community.” Incorporators: J. A. Reid, Sanbornton; H. A. and Ethel N. Jewett, Belmont; Frank D. and Mary J. Hill, Tilton, and eleven others. Date of record, May 11, 1912.

“Indian Head Table Company,” Nashua. Capital stock, \$20,000; par value, \$100. Object: “To engage in the manufacture, distribution and sale of wooden tables and other furniture, tools or articles made of wood and metal.” Incorporators: Lillian R. and R. D. Fletcher, Carl and Annie S. Cotton, Robert A. French, Nashua. Date of record, July 22, 1912.

“Jan Sobieski 111 Band,” Manchester. No capital stock. Object: “To organize and carry on a brass band; to buy, sell and own musical instruments, sheet music and musical composition.” Incorporators: Lucas Bozek, Jan Platek, Wladyslaw Dziura, John Stoss, Izydor Palys, Manchester. Date of record: March 26, 1912.

“Kaolin Farm Company,” Merrimack. Capital stock, \$15,000; par value, \$25. Object: “The purchase, sale and ownership of real estate and personal property, and the management, improvement and control of the same; for the conducting of general farming, the raising of live stock, and generally conducting of the business of agriculture in all its branches.” Incorporators: Alden L. Wright, Everett W. and Warren Kemp, Merrimack; Edward H. Wason, Thomas F. Moran, Nashua. Date of record, December 28, 1911.

“Kearsarge School of Practice,” Wilmot. Articles of association amended. Date of record, September 5, 1911.

“Keene Building and Loan Association,” Keene. Capital stock, \$1,000,000; par value, \$200. Object: “To transact a building

and loan business." Incorporators: Frank H. Blanchard, Charles Gale Shedd, Caleb Stickney, J. M. Duffy, W. L. Mason, Keene. Date of record, March 11, 1912.

"Keene Development Company," Keene. Capital stock, \$25,000; par value, \$100. Object: "The purchase and sale of real estate and personal property, the construction and equipment of houses, factories, stores and other buildings, the installation of machinery and equipment in factories, shops, stores and other buildings and places in the city of Keene, the promotion and development of commercial, mercantile, manufacturing and other business projects in the city of Keene and vicinity, the assistance and financing of individuals, firms and corporations in establishing or developing any commercial, manufacturing, or other business project or enterprise, the leasing of buildings, property or machinery acquired or leased." Incorporators: William F. Holbrook, Frank H. Wright, Charles G. Shedd, W. R. Porter, Frank Huntress, and thirteen others, all of Keene. Date of record, June 7, 1912.

"Keene Development Company," Keene. Capital stock increased. Date of record, August 22, 1912.

"Keene Pneumatic Tool Company," Keene. Capital stock, \$25,000. Object: "To manufacture and deal in machinery, tools and other appliances, including those used or adapted for use, in connection with the application of pneumatic power for mechanical purposes; to acquire, control, improve and use patent rights, trade marks and other similar rights relating to products manufactured and dealt in by said company; to license others and to hold licenses from others to manufacture, use and deal in articles covered by patents, trade-marks and other rights; to deal in any materials and supplies for the machinery and tools above specified; to carry on a general manufacturing, selling and distributing business embracing such lines of products as may be determined from time to time by the directors." Incorporators: Joseph C. Coulombe, John E. Ryan, Thomas H. Dunstane, Jr., John P. Dumar, John A. Dunstane, Concord. Date of record, February 24, 1912.

"Kimball Carriage Company," Manchester. Capital stock retired at par. Date of record, January 19, 1912.

"Knights of Columbus Club of Berlin, New Hampshire," Berlin. No capital stock. Object: "Social recreation and mental improvement." Incorporators: Edward J. Laffin, L. T. McCormick, Allen J.

Parlens, Henry A. Smith, John Mahern, Berlin. Date of record, October 14, 1911.

"Laconia Gas and Electric Company," Laconia. Capital stock increased. Date of record, March 30, 1912.

"Lake Tarleton Club," Haverhill. Capital stock increased. Date of record, May 16, 1912.

"Lake Winnepesaukee Islands Company," Lake Winnepesaukee. Capital stock, \$25,000; par value, \$100. Object: "To acquire to the same extent as natural persons, and without limit as to amount, by purchase, lease, exchange, hire or otherwise, lands improved and unimproved, tenements, hereditaments, hotels, docks, wharves, canals, sewers, subways, tunnels, warehouses, wine cellars, buildings of any kind, chattels real or personal, or any interest therein; to erect or contract for the erection of houses, buildings or works of every description on any land of the company, or upon other lands; to rebuild, enlarge, alter, decorate, maintain, furnish, equip, fit up, improve, develop, repair, manage, operate or control any building, hotel, edifice, apartment house, dock, wharf, canal, sewer, subway, tunnel, warehouses, wine cellars, grain elevators, or any kind of building for amusement, recreation or business, or other construction of any kind and all kinds whatsoever; to purchase and sell, import and export all kinds of material, machinery, etc., for the purposes aforesaid; to carry on the business of general contractors; to subdivide, improve and develop lands for the purposes of sale or otherwise; to convert and appropriate land into and for roads, streets and other conveniences, and to do and perform all things needful and lawful for the improvement and development of the same for any lawful purpose; and generally to deal in and improve property of the company and of other parties; to own, hold and maintain any property acquired by the company; to sell, convey, lease, release, let, exchange, mortgage or otherwise encumber or dispose of the lands, houses, buildings, hereditaments, appurtenances, chattels and other property of the company; to erect, construct, maintain and equip, and to buy, own, sell, lease, mortgage, convey, improve and operate factories, and elevators, buildings, stores, or manufactories, for the production and storage of all kinds of goods, articles and merchandise; to buy, sell, trade and deal in the product of all manufactories or factories, and to buy, sell, trade and deal in all kinds of articles that may be suitable and proper for all of the business aforesaid; to acquire, hold or dispose of contracts

or agreements relating to or connected with the acquiring, buying, selling, leasing, letting, disposing of or mortgaging of, real estate or buildings and improvements in connection therewith; to negotiate and make, either as principal or broker or agent, contracts or other agreements relating to the making, taking or placing building and other loans in connection with real estate and with improvements thereon, or to be placed thereon, to undertake or to direct the management and sale of property, real and personal, to sell, assign, release, hold or satisfy mortgages, which may become the property of the company; to loan money or bond or mortgage or otherwise; to advance money to, and to enter into contracts and arrangements of all kinds with contractors, laborers, skilled or otherwise, builders, property owners and others; to make, enter into, perform, carry out or cancel contracts for constructing, demolishing, altering, decorating, equipping, fitting up and improving buildings of every description; to do a general real estate business on commission or otherwise, and to transact all such business as may be incidental thereto or arise therefrom." Incorporators: Nathaniel W. Bowes, Laconia; E. C. Callaghan, Brooklyn, N. Y.; Fullerton Wells, New York; R. L. Wells, Bloomfield, N. J.; John J. Haley, New York. Date of record, February 9, 1912.

"Lancaster Garage and Auto Company," Lancaster. Capital stock increased. Date of record, April 10, 1912.

"L'Association Canadienne Francaise," Nashua. Capital stock \$100,000; par value, \$25. Object: "To buy and sell real estate; to own and equip buildings with machinery." Incorporators: Francois Lavoie, Arthur and Stanislas Noel, Louis Lebrun, Joseph Souey, Nashua. Date of record, June 17, 1912.

"Leather Lined Bearing Company," Nashua. Capital stock, \$100,000; par value, \$25. Object: "To purchase, acquire, hold, control, sell, assign, and convey all and every patent right in and to the Finning Leather Interlined Bearings or any other patent rights, and to use, manufacture or grant licenses under said patent rights when owned and controlled by the company, and to expend money in experimenting upon and testing the validity or value of said patent rights or of any other patent rights the company may require." Incorporators: Frank J. Finning, Frank Robinson, Benjamin Thomas, Joseph L. Clough, Albert Terrien, Nashua. Date of record, September 13, 1911.

"Lebanon Electric Company," Lebanon. Capital stock, \$36,000; par value, \$100. Object: "(1) To manufacture, generate, transmit, distribute, and sell electricity for light, heat, mechanical power, and any other purposes for which it may be adapted and lawfully used; (2) to acquire, hold, develop, and utilize any real estate, including water powers in New Hampshire, for the purpose of manufacturing, generating, transmitting and distributing electricity for the purposes aforesaid; (3) to deal in machinery, appliances, tools and supplies adapted for use in connection with electricity; and to carry on the work of poling, wiring, and other forms of construction of lines and appliances adapted to the uses of electricity, as aforesaid; (4) to acquire a part or all of the property, rights, assets and business of any other company manufacturing, generating or furnishing electricity for any of the purposes aforesaid, within the territory hereinafter mentioned." Incorporators: George S. Rogers, C. D. Smith, Isaac N. Perley, Frank C. and Clara G. Churchill, Lebanon, and sixteen others. Date of record, June 25, 1912.

"Lebanon Hotel Company," Lebanon. Capital stock, \$3,000; par value, \$100. Object: "Building, equipping, buying, leasing, managing, controlling, renting and operating hotels and carrying on a hotel business and other business carried on in connection with the hotel business." Incorporators: John J. Pomeroy, Frank B. Harrison, Alex C. McCone, Fred A. Jones, Lebanon; Clement H. Noble, New York. Date of record, June 18, 1912.

"Les Patriotes Canadiens," Berlin. No capital stock. Object: "For the purpose of extending fraternal benevolence to the members who may join this association and to those dependent upon said members." Incorporators: Philippe E. Beaudoin, Edouard Renaud, A. H. Larue, Peter Belanger, E. R. Noel, and two others, Berlin. Date of record, April 8, 1912.

"L'Hopital de Notre Dame de Lourdes de Manchester, N. H.," Manchester. Articles of association amended. Date of record, January 25, 1912.

"Lietuvin Laisves Artain Draugiste," Manchester. No capital stock. Object: "Payment of sick benefits and death benefits to its members, and the mutual improvement of its members." Incorporators: George Sztunas, Wladislar M. Chernes, Franciskur Julomskors, Tonas Stakiones, Kasimeras Zilinskas, Manchester. Date of record, February 12, 1912.



"Lithuanian Roman Catholic Society of the Immaculate Conception," Nashua. No capital stock. Object: "Social, charitable and benevolent purposes." Incorporators: Klira Kiaksto, Pauline Penkanskute, Michaline Mazgelute, Hyacynta Kruszute, Benigna Wiszniauckiute, Monica Walintukwieziute, Nashua. Date of record, May 23, 1912.

"Lithuanian St. John Baptist Benevolent Society," Exeter. No capital stock. Incorporators: Tulijus Meskinis, Bonifasus Cilcius, Zigmus Gaidis, Jeronimas Babavieze, Tonas Luksis, Exeter. Date of record, November 21, 1911.

"The Manchester Tea Company," Manchester. Capital stock, \$5,000; par value, \$100. Object: "The carrying on of a wholesale and retail grocery and provision business, maintaining a bakery, and buying, holding or selling, real estate or any other article or commodity incident to said business." Incorporators: John E. Johnson, Madison A. Knowles, Robert A. Scott, John F. Bailey, Thomas F. Galligan, Manchester. Date of record, May 22, 1912.

"The Mark H. Wentworth Home for Chronic Invalids," Portsmouth. No capital stock. Object: "For the purpose of establishing and maintaining a home for the care of persons afflicted with chronic diseases." Incorporators: Susan J. Wentworth, Mary M. May, John J. Berry, Harry E. Boynton, Thomas H. Simes, Portsmouth; Charles E. Wentworth, Cambridge, Mass. Date of record, December 11, 1911.

"Mason Insurance Agency," Keene. Capital stock, \$10,000; par value, \$100. Object: "The soliciting, writing and brokerage of insurance, the purchase and sale of real estate." Incorporators: Wallace L. and Bertha M. C. Mason, Carl G. and Blanche L. Beverstock, Lyle Hawthorne, Orville E. Cain, all of Keene. Date of record, August 26, 1912.

"McGregorville Athletic Club of Manchester, N. H.," Manchester. No capital stock. Object: "Social recreation and amusement of its members, securing and maintaining physical culture, mental improvement and general betterment of its members." Incorporators: Alfred Paris, Philip Hebert, Victor Cullerot, A. Menard, Eugene Delisle, and three others, all of Manchester. Date of record, September 16, 1911.



"The McGregorville Investment Company," Manchester. Capital stock increased. Date of record, December 11, 1911.

"Merchants Protective Association," Dover. No capital stock. Object: "To protect its members from bad debts and frauds; to collect claims, and to furnish information as to credit, and general information as to the standing of any person or persons." Incorporators: Charles E. Cate, Frank W. Hooper, J. Herbert Seavey, William H. Knox, Edwin C. Colbath, and 10 others, all of Dover. Date of record, April 18, 1912.

"Meredith Casket Company," Meredith. Capital stock increased. Date of record, July 20, 1912.

"The Metropolitan Realty Company," Manchester. Capital stock, \$10,000; par value, \$25. Object: "Buy, sell, and improve real estate, loan and borrow money on real estate." Incorporators: Jules Deschenes, Harry L. Cate, Alexis F. Bisson, Arthur D. Dozois, Walter DeMoulpied, Manchester. Date of record, April 8, 1912.

"Milford Light and Power Company," Milford. Capital stock increased. Date of record, January 22, 1912.

"Monadnock Land Company," Rindge. Decree of dissolution filed November 13, 1911.

"Monadnock Mills," Claremont. Capital stock increased. Date of record, September 21, 1911.

"Nashua Coal and Ice Company," Nashua. Name changed to Nashua Coal and Coke Company. Date of record, May 2, 1912.

"National Woodworking Machinery Company," Manchester. Articles of association amended. Date of record, February 20, 1912.

"National Woodworking Machinery Company," Manchester. Capital stock increased. Date of record, February 20, 1912.

"New Hampshire Axle Oiling Company," Exeter. Capital stock, \$1,000; par value, \$25. Object: "To handle, advertise and sell the Carney Valve Axle Oiler; to equip wagons and carts with the same or to apply to any purpose for which it may be used; to buy, sell, own, lease or manufacture any machinery or goods pertaining to the same." Incorporators: George B. Shaw, Elwin A. Park-

man, Harlon L. Philbrick, Exeter; George A. Gilmore, Epping; Fred P. Abbott, Haverhill, Mass. Date of record, July 17, 1912.

"The New Hampshire Blessed Hope Convention," Concord. No capital stock. Object: "To concentrate the labors and sympathies of the lovers of Jesus appearing within its limit for the more effectual spread of the Proclamation of the Kingdom of God at hand, to improve their spiritual condition, and to save the perishing." Incorporators: James L. MacLaughlin, Haverhill, Mass.; William F. Pottle, Meredith; Bert J. Glazier, North Carver, Mass.; Ora D. Osgood, Pittsfield; J. B. S. Pillsbury, Hudson. Date of record, September 21, 1911.

"New Hampshire Health Company," Manchester. No capital stock. Object: "Procuring medical attendance and supplies for persons, and to this end, to have the power and right to make, (a) enter into and execute contracts with physicians, surgeons and medical supply houses; (b) to make, enter into and execute contracts with persons to furnish them with medical attendance and supplies; (c) to do any and all things connected with or incidental to the foregoing purposes." Incorporators: Edward, Louise F. and Lauriston L. Crockett, L. B. Salls, William S. Westerdahl, all of Manchester. Date of record, March 18, 1912.

"The New Hampshire Peace Society," Concord. No capital stock. Object: "To promote international good will and peace and to educate public sentiment in favor of adopting arbitration and other pacific methods as a substitute for war in the settlement of international disputes." Incorporators: Sydney B. Snow, William W. Thayer, Concord; Edward J. Burnham, Robert J. Elliott, Manchester; George Haslam, Leonard H. Pillsbury, Derry. Date of record, January 25, 1912.

"New Hampshire Realty Company," Manchester. Capital stock, \$5,000; par value, \$500. Object: "1. The raising of money by assessment of five dollars per month on each share of stock of the par value of five hundred dollars until the par value has been paid up and thereafter as well, to give the said stock additional value and to supply to this association moneys with which to operate its business. 2. To acquire real estate situated in Manchester aforesaid for the purposes of holding, renting, leasing, selling or otherwise dealing with as will yield the largest profits to the said association." Incorporators: Edward Rajotte, Amedee O. Hebert,

William H. Jutras, Winfred D. Hebert, Joseph A. Hebert, and five others, all of Manchester. Date of record, February 7, 1912.

“New Hampshire Spring Water Company,” Laconia. Capital stock, \$5,000; par value, \$100. Object: “The purpose of obtaining possession by purchase or lease of certain real estate situated in the city of Laconia, county of Belknap, and State of New Hampshire, for utilizing the spring water upon said real estate for commercial purposes by bottling, carbonizing, or manufacturing into carbonized, or flavored soda waters, said spring water, and for the advertising and placing said waters upon the market as a beverage or for other purposes.” Incorporators: Fred W. Jr., Ralph W. and Fred W. Hoyt, Fernandina, Fla.; Charles A. Hoyt, Jacksonville, Fla.; C. H. Mason, Laconia. Date of record, August 17, 1912.

“New Hampshire Water and Electric Power Company,” Jaffrey. Capital stock, \$115,000; par value, \$100. Object: “To establish, build, acquire, maintain and operate water-works, systems and reservoirs for the storage and distribution of water for power, manufacturing and domestic purposes, and to lay, maintain and operate hydrants, mains and pipes in connection therewith in and over highways, ways and streets in the towns of Jaffrey and Troy, in the state of New Hampshire and elsewhere; to carry on hydro-electric power business; to acquire by purchase, lease by right of eminent domain or otherwise in the state of New Hampshire and elsewhere, operate, develop, improve, and dispose of real estate, including water powers, water-works, rights and privileges and flowage and storage rights of every name and nature; to generate, store, sell, use, transmit and distribute and otherwise dispose of electricity, steam and water power and hydro-electric power for any and all purposes, including light, heat and power, and for such purposes to use highways, town ways, streets, county ways and state highways and to erect, maintain, operate and use lines for transmission of light, heat and power; to purchase, lease, operate and own telephone and telegraph lines and telephone and telegraph systems in connection with poles and transmission lines; to harvest, sell and deal in ice; to engage in, conduct and carry on any wholesale or retail mercantile business; to transact and conduct all classes of business usually carried on by merchants, brokers, factors or agents and every kind of business incident thereto and directly or indirectly connected with the objects and purposes herein before described; to buy, own, lease, or otherwise acquire, sell, lease, or in any manner lawful for individuals, to dispose of any or all real or

personal property or rights of the corporation; to acquire and undertake the whole or any part of the business, property, assets and liabilities of any person, firm or corporation engaged in a business similar to that herein provided for or capable of being conveniently carried on in connection with the business above described and to unite or consolidate with any other similar corporation or corporations in such manner as may be lawful; to do all or any part of the above things as principals, agents or contractors or otherwise, and by or through trustees, agents or otherwise and either alone or in conjunction with others; to pay for any property acquired in pursuance of any of the foregoing provisions in cash, bonds, notes, capital stock of this corporation or otherwise; to have one or more offices or agencies outside of the state of New Hampshire in any other state or foreign country and to keep any or all books or records of the Company or its Board of Directors thereat, provided that such books or records as may be required by statute shall be kept within the state of New Hampshire; to construct and operate railroads, to aid in the construction thereof, telegraph or telephone companies and gas or electrical companies; to buy, sell, hold, change or otherwise deal in and dispose of any bonds or other securities or evidences of indebtedness or shares of capital stock created or issued by any other corporation or association of the state of New Hampshire or any other state or territory of the United States or of any foreign country, and, while owner thereof, to exercise all the rights, powers and privileges of ownership including the right to vote on any stock so held; to aid by guaranty of the principal or interest of any of its securities, or in any manner, any corporation or association of which any bond or other securities or evidences of indebtedness or stock are held by this corporation, and to do any acts or things designed to protect, preserve, improve or enhance the value of any such bonds or other securities or evidences of indebtedness or stock; to issue any and all bonds or other notes convenient for the business of this corporation and secure the same by mortgage deed of trust, or in any other manner. Generally to do any and all things necessary, fit or proper to effect any or all of the aforesaid purposes and to carry on any business, whether of manufacture or otherwise, incidental to any business hereinbefore authorized or in any way connected therewith or which may be calculated to effectuate any of the foregoing purposes, but not to carry on the business of banking or trust companies or of corporations intended to derive profit from the loan or use of money." Incorporators: Robert L. Pond, Jaffrey; J. B. Shearer, J. D. C. Rodgers, W. T. Austin, Byam Whitney, Boston, Mass. Date of record, December 19, 1911.

"The New Pemigewasset Hotel Company," Plymouth. Capital stock, \$35,000; par value, \$25. Object: "(1) To purchase the real estate known as the residence of the late Carlos M. Morse in Plymouth, N. H., and thereon to make such improvements, erect and build such additions, as the corporation may deem proper and necessary to render the premises suitable for the conducting of a hotel and any business incident thereto and to procure all necessary furniture and equipment necessary to the conduct of the same; (2) to execute and secure to Joseph R. Elliott a lease of the said hotel, furnishings and equipment for a term of three years according to the tenor of a certain proposal of said Elliott, dated May 2, 1912, and addressed to the Pemigewasset Hotel Company; (3) at the termination of said lease to conduct in its own name a general hotel and such business as is incident thereto or to lease the whole or any part of the said premises for the same purposes." Incorporators: R. E. Smythe, John E. Smith, M. R. Batchelder, W. M. Sweeney, Charles C. Wright, and seven others. Date of record, August 9, 1912.

"North Monroe Cemetery Association," Monroe. No capital stock. Object: "To receive from any person or persons any sum or sums of money by way of gift, donation or legacy, for the purpose of having the annual income thereof expended in the care of lots, and ornamenting the grounds of the cemetery." Incorporators: Homer S. Smith, Hugh Nelson, John D. Moore, Robert S. Ward, Samuel J. Astle. Date of record, April 13, 1912.

"O. A. Gibbs Shoe Company," Dover. Capital stock, \$30,000; par value, \$100. Object: "Manufacturing boots and shoes of all kinds and leather goods of every name and description, owning and operating shoe factories, buying, selling and leasing real estate, buying and selling boots and shoes, leather and shoe findings, and for the purpose of doing a general wholesale and retail shoe business, and for the purpose of manufacturing leather of every description." Incorporators: Oliver A., Maurice A., Alice Hayes, Susan M. Gibbs, William C. Hartford, all of Dover. Date of record, October 18, 1911.

"The Outlook Company," Manchester. Capital stock, \$2,000; par value, \$100. Object: "The purchasing, owning, holding, developing, selling, letting and leasing of real estate, and the purchase and selling of all kinds of goods, wares, merchandise, chattels, and personal property; and the carrying on of a general merchandise



business." Incorporators: Louis H. and I. Resnik, Sam B. Tarrante, Leonard G. Smith, William Savacool, all of Manchester. Date of record, August 17, 1912.

"Pemigewasset Hotel Company," Plymouth. Capital stock, \$10,000; par value, \$25. Object: "The buying, selling, building, and owning real estate, erecting, operating or leasing hotel property and any other property which may become incident to the foregoing business." Incorporators: R. E. Smythe, Frank G. Smith, H. E. Berry, Albert M. Rand, J. F. Draper, and ten others, all of Plymouth. Date of record, February 3, 1912.

"Pilgrim Realty Company of Salem Depot, N. H.," Salem Depot. Capital stock, \$2,500; par value, \$25. Object: "Buy, sell, own, rent, lease and transfer real estate, erect, maintain and keep in repair mercantile and other buildings, and to do and perform such other business as may from time to time be necessary or conveniently connected therewith." Incorporators: Loren E. Bailey, John J. Hunt, George W. Thom, Wallace W. Cole, W. DuBois Pulver, Salem Depot. Date of record, December 27, 1911.

"Pine Grove Springs Hotel Company," Spofford. Capital stock, \$130,000; par value, \$100. Object: "The purchase and ownership of real estate and personal property, and the sale of the same; conducting a hotel business." Incorporators: Orville E. Cain, Keene; E. Ward Stearns, Mabel J. Stearns, Roslyn, L. I.; William D. Shattuck, Bradbury F. Cushing, Spofford. Date of record, August 22, 1912.

"The Pine Knoll Poultry Farm Company," Manchester and Merimack. Capital stock, \$30,000; par value, \$100 each. Object: "To buy, sell, hire, lease or exchange real estate; buy, sell or exchange poultry, farm or dairy products and livestock, also farm and poultry supplies and building materials." Incorporators: Robert A. Partidge, Leonard G. Smith, Allen D. Bixby, Percy A. Whipple, Burt N. Davis, Manchester. Date of record, August 6, 1912.

"Pike Brook Club," New London. Capital stock, \$3,000. Object: "To encourage the art of angling and provide for members and guests opportunities, facilities and conveniences for the exercise thereof; and to that end, to construct upon Pike Brook in New London aforesaid, and elsewhere if the club so votes, a pond or ponds for the rearing of brook trout and other varieties of game fish; to build and maintain a club house and other appropriate struc-



tures, and to furnish and equip the same; to purchase and hold such real estate and personal property as may be suitable therefor." Incorporators: Henry L. Bowles, William E. Gilbert, George M. Hendee, George H. Graham, Springfield, Mass.; Allen Hollis, Concord. Date of record, August 30, 1912.

"Piscataquog Boat Club of Manchester, N. H.," Manchester. No capital stock. Object: "To buy and hold a summer house on the banks of the Piscataquog river at Kelley's Falls in Manchester, N. H.; to promote social recreation and amusement and physical culture among its members." Incorporators: Armelle Trucotte, Eugene G. Dubois, L. Couturies, Joseph Nightingale, Victor Cullerot, and three others, all of Manchester. Date of record, November 1, 1911.

"The Plaistow Electric Light and Power Company," Plaistow. Capital stock, \$1,500; par value, \$50. Object: "To manufacture, generate, buy, sell, accumulate, store, transmit, furnish and distribute electric current for light, heat and power; to manufacture, buy, sell, lease, let or operate any or all machinery or appliances for the manufacture, generation, storage, accumulation, transmission or distribution of any or all types of electric current, and any or all manner of electric machinery, apparatus, or supplies of any nature or kind whatsoever; to erect, buy, sell, operate, lease and let power plants and generating stations for the manufacture, generation, accumulation, storage, transmission and distribution of electric current and any or all machinery used therein or in connection therewith, to manufacture, buy, sell, lease and let fixtures, chandeliers, electroliers, brackets, lamps, globes and other supplies and appurtenances used for or in connection with the manufacture, generation, accumulation, storage, transmission, distribution or use of electric current for light, heat or power, or otherwise, and to carry on a general business of electricians, mechanical engineers, suppliers of electricity for the purpose of light, heat or power or otherwise, and install, erect and operate, sell or lease wires, cables and fixtures, both interior and exterior, for the transmission and use of electric current; and to manufacture and deal in all apparatus and things required for or capable of being used in connection with the generation, distribution, supply, accumulation and employment of electricity; to buy, sell, operate, or lease pole lines, erect poles, string wires thereon, or on poles of other individuals or corporations on any and all streets, avenues, highways and roads of counties, townships, towns, villages and cities, and over and under all canals and other waterways, and across any and all bridges, and to use the same

either for the transmission of electric current for delivery to consumers on such lines or for the transmission of current to independent vendors thereof, and to sell or lease to other individuals or corporations the right to string electric wires on, or attach electric wires to, any or all poles so erected, owned or leased, and to use such lines as through lines and for local delivery." Incorporators: John W. Sleeper, E. A. Landman, F. W. Woodman, Plaistow; Arthur W. Sawyer, Atkinson Depot; J. W. Peaslee, Westville, and three others. Date of record, October 13, 1911.

"Plaistow Electric Light and Power Company," Plaistow. Certificate of Public Service Commission filed May 3, 1912.

"The Portsmouth Girls' Club Association," Portsmouth. No capital stock. Object: "To assist and maintain for the young girls of this city and vicinity a club which shall have a meeting place and shall conduct classes for the instruction and entertainment of the members." Incorporators: Martha S. Kimball, Katherine J. Griffin, Annie F. Howard, Mary I. Wood, Mabel S. Locke, Portsmouth. Date of record, January 24, 1912.

"Portsmouth Realty Company," Portsmouth. Capital stock, \$16,000; par value, \$50. Object: "The purchase, acquiring, holding, selling and leasing real estate and lease-holds in the county of Rockingham in the state of New Hampshire, and the improving of said real estate and lease-holds, and the doing of all things necessary, or desirable, to improve and develop, lease and sell any or all of the real estate and leaseholds of said corporation." Incorporators: Alfred F. Howard, C. E. Trafton, Joseph P. Conner, Theodore W. Law, Harry E. Boynton, and nine others, all of Portsmouth. Date of record, September 22, 1911.

"Positive Shuttle Motion Loom Company," Nashua. Capital stock, \$500,000; par value, \$25. Object: "To purchase, acquire, hold, control, sell, assign, and convey all and every patent right in and to the Gendron positive shuttle motion loom or any other patent rights, and to use, manufacture or grant licenses under said patent rights when owned and controlled by the company, and to expend money in experimenting upon and testing the validity or value of said patent rights or of any other patent rights the company may acquire." Incorporators: I. L. Ravenelle, Napoleon St. Pierre, Ernest F. Tessier, Joseph Dufour, Joseph A. Gendron, all of Nashua. Date of record, November 29, 1911.

"Postal District Messenger Company," Nashua. Decree of dissolution filed March 18, 1912.

"Prudential Fire Insurance Company," Manchester. Capital stock increased. Date of record, November 9, 1911.

"The Quaker Shoe Company," Manchester. Capital stock increased. Date of record, December 14, 1911.

"R. Codaire Company," Manchester. Capital stock, \$10,000; par value, \$100. Object: "To acquire, own and conduct a general mercantile business, the buying and selling of cloaks, dresses and millinery of all kinds, and the owning, holding or leasing of such real estate or personal property as may be necessary or convenient for the purposes of said business." Incorporators: Richard and Gertrude M. Codaire, Mrs. L. M. Stevens, Lily L. and C. J. Belanger, all of Manchester. Date of record, August 15, 1912.

"Red Spot Fishing Club," Errol. Capital stock increased. Date of record, February 3, 1912.

"The Rimmon Companions," Manchester. Articles of agreement amended. Date of record, February 1, 1912.

"The Rimmon Companions," Manchester. Capital stock increased. Date of record, July 23, 1912.

"Riverdale Grange Association," Riverdale. No capital stock. Object: "To promote the purposes of the Order of Patrons of Husbandry, as set forth in the Constitution of the National Grange, Order of Patrons of Husbandry and the Constitution and By-Laws of the New Hampshire State Grange and all amendments thereto; to purchase and hold real estate in the town of Weare, in the county of Hillsborough, or to sell and mortgage the same; to construct and maintain a building or buildings thereon for the purpose of holding grange meetings; to rent the same for public or private purposes; to borrow money or issue notes for constructing said building or buildings and the purchase of said real estate if necessary." Incorporators: J. F. and M. E. Nichols, E. B. Barnard, Charles L. Dodge, Ezra T. Mudgett, Riverdale, and five others. Date of record, June 17, 1912.

"Rockingham Inn, Incorporated," Salem. Capital stock, \$1,000; par value, \$100. Object: "To carry on the business of hotel and innkeepers, restaurant-keepers, caterers, keepers of livery stables and

garages for horseless conveyances and motor vehicles of all kinds." Incorporators: A. Ingham Bicknell, Lexington, Mass.; Charles M. Floyd, Eugene E. Reed, Manchester; Wesley A. Gove, Boston, Mass.; William T. Richardson, Brookline, Mass. Date of record, May 25, 1912.

"The S. Finkelstein Company," Keene. Decree of dissolution filed November 25, 1911.

"St. Jean Baptist," Dover. Articles of agreement amended. Date of record, May 6, 1912.

"Sandwich Local Telephone Company," Sandwich. Capital stock increased. Date of record, January 6, 1912.

"The Sandwich Nursing and Neighbor's Friendly Association," Sandwich. No capital stock. Object: "To fulfill in all possible ways the spirit of its name by extending help and encouragement to those who need it, by providing nurses for the sick, and by assisting all enterprises that make for educational uplift and progress." Incorporators: Daniel D. Atwood, Albert B. Hoag, Natalie S. Whitewell, Emma Gilman, Irving H. Gray, Centre Sandwich. Date of record, October 20, 1912.

"Smith, Ramsey Automobile Company," Manchester. Capital stock, \$5,000; par value, \$100. Object: "The conducting of a garage, buying and selling automobiles, automobile supplies and accessories; to manufacture automobiles and automobile parts, and to buy and sell real estate." Incorporators: Ernest A. Smith, E. H. Holmes, James Reed, Herbert Ramsey, Irving E. Forbes, Manchester. Date of record, October 3, 1911.

"Southern New England Railroad Corporation." Articles of agreement recorded February 13, 1912.

"Standard Machine Company," Woodsville. Decree of dissolution filed April 2, 1912.

"State Street Realty Company," Concord. Capital stock increased. Date of record, January 6, 1912.

"The Strafford Publishing Company," Dover. Capital stock, \$4,000; par value, \$100. Object: "Publishing and printing daily and weekly newspapers; doing a general printing business; engraving and designing; the preparation and printing of catalogues,

pamphlets, brochures, etc." Incorporators: Marina W., Warren T., Lillian T. Billings, Herbert G. Davis, A. Duncan Piggott, Dover. Date of record, December 12, 1911.

"Sugar River Valley Telephone Company," Grantham. Capital stock reduced. Date of record, January 26, 1912.

"The Syrian Educational Link Association," Manchester. No capital stock. Object: "To promote education and maintain a library." Incorporators: Alexander Assad, John Solamon, Peter Shaia, Richard Maroon, James Wakeem, Peter Toucay, Joe Assad, Manchester. Date of record, December 19, 1911.

"Thaddeus Kosciusko Polish Band," Nashua. No capital stock. Object: "To form a musical association." Incorporators: H. Sakowicz, L. Krewzki, A. J. Belowski, Kostanty Dobrovolsy, M. Bogervitch, Nashua. Date of record, May 6, 1912.

"Thomas A. Lane Company," Manchester. Decree of dissolution filed February 13, 1912.

"Tilton Electric Light and Power Company." Certificate of Public Service Commission filed May 3, 1912.

"The Town Improvement Association of Exeter, New Hampshire." No capital stock. Object: "To promote neatness and order." Incorporators: Samuel H. Dana, Albertus Dudley, Frances P. Dudley, John N. Thompson, Albert N. Dow, and four others, all of Exeter. Date of record, March 28, 1912.

"Transcript Printing Company," Peterborough. Capital stock increased. Date of record, April 29, 1912.

"Union Guaranty Savings Bank," Concord. Copy of vote recorded March 28, 1912.

"The Union Hall Society," South Hooksett. No capital stock. Object: "To promote social recreation and amusement, mental improvement and good fellowship." Incorporators: Rena P., William R., M. Lou Bartlett, Nelson C. Whitney, Lena B. Thomas, Hooksett; O. W., and Eva Martin, Manchester. Date of record, August 2, 1912.

"Union Society of Meredith Neck," Meredith. No capital stock. Object: "To promote and extend the cause of religion." Incor-



porators: James E. Bickford, Albridge P., Lizzie E., Kate M. Thompson, Annie E. Dockham, Flora Fogg, Eva Wiggin, Meredith. Date of record, April 20, 1912.

“Union Telephone Company,” Barnstead. Capital stock increased. Date of record, May 22, 1912.

“The Wakefield Manufacturing Company,” Wakefield. Capital stock, \$4,000; par value, \$25. Object: “Buying and selling timberlands and woodlands, timber and wood of all kinds, the manufacture and selling of all kinds of woodenware, furniture, tools, etc.” Incorporators: Herman H. Sanborn, Charles L. Haynes, Eli W. Nute, N. E. Libby, E. A. Himes. Date of record, January 29, 1912.

“The Wakefield Manufacturing Company,” Wakefield. Capital stock increased and articles of agreement amended. Date of record, May 24, 1912.

“West Hopkinton Telephone Company,” Contoocook. Capital stock reduced. Date of record, August 27, 1912.

“The White Mountain Echo Publishing Company,” Bethlehem. Capital stock, \$10,000; par value, \$25. Object: “To carry on the printing, publishing and advertising business, etc.” Incorporators: Charles E. Blanchard, M. Elizabeth Blanchard, Alice M. Morehouse, Lenna Y. Sawyer, Barnet W. Sawyer. Date of record, January 30, 1912.

“White Mountain Fur Company,” Whitefield. Capital stock, \$26,000; par value, \$100. Object: “To deal in fur-bearing animals, pelts, furs, etc., to engage generally in livestock business and deal in real estate, etc.” Incorporators: Robert M. Straub, C. Neal Burnell, Lemuel C. Woodbury, Charles C. Warren, L. Wallace Hall. Date of record, December 7, 1911.

“White Mountain Fur Company,” Whitefield. Capital stock increased. Date of record, August 27, 1912.

“Whittemore & Ambrose Hardware Company,” Nashua. Capital stock increased. Date of record, May 29, 1912.

“Wileox Comb Company,” Keene. Capital stock, \$50,000; par value, \$100. Object: “The purchase and sale of real estate, the



manufacture and sale of articles and products from celluloid, rubber, etc." Incorporators: Frederick C. Wilcox, Lillian A. Wilcox, Charles A. Madden, Orville E. Cain, L. Orene Turner. Date of record, March 14, 1912.

"The William G. Parker Last and Upper Protector Company," Nashua. Capital stock, \$10,000; par value, \$25. Object: "To manufacture and sell the William G. Parker Last and Upper Protector, etc." Incorporators: William G. Parker, Joseph J. B. Pelletier, Adelard Berube, Frank P. King, Joseph Labine. Date of record, August 5, 1912.

"Willing Workers Club," East Sullivan. Capital stock, \$1,000; par value, \$10. Object: "Social gatherings, public entertainments, literary exercises and public improvement." Incorporators: Ida M. Fifield, Blanche B. Hastings, Lebina P. H. Barrett, Arvilla C. Nash, Mamie L. McCluer, T. A. Hastings, M. Emma Shoults, Francis O. Ball, Nelson Castaw, Benjamin A. Hastings, Quincy B. Nash. Date of record, September 9, 1911.

"Wolfeboro Masonic Temple Association," Wolfeboro. Capital stock increased. Date of record, January 13, 1912.

## Commissions Issued.

September 1, 1911, to August 31, 1912.

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### MISCELLANEOUS APPOINTMENTS.

Charles M. Lane, Littleton, Special Justice of Littleton Police Court, September 8, 1912.

Walter Drew, Colebrook, Trustee of New Hampshire College of Agriculture and the Mechanic Arts, September 8, 1911.

Martin B. Plummer, Laconia, member of Hall of Heroes Commission, September 8, 1911.

Guy W. Barbour, M. D., Stewartstown, Medical Referee for Coos County, September 29, 1911.

Frank H. Foster, Claremont, Trustee of State Normal Schools, September 29, 1911.

Albert T. Barr, Manchester, member of Board of Managers of the Soldiers' Home, September 29, 1911.

William A. Beckford, Bristol, member of Board of Managers of the Soldiers' Home, September 29, 1911.

Irving A. Watson, M. D., Concord, member of State Board of Health, September 29, 1911.

Frank E. Kittredge, M. D., Nashua, member of State Board of Health, September 29, 1911.

Edgar O. Crossman, Lisbon, Trustee of New Hampshire State Hospital, September 29, 1911.

George H. Saltmarsh, Laconia, Trustee of New Hampshire State Hospital, September 29, 1911.

Arthur L. Wallace, Nashua, Trustee of New Hampshire State Hospital, September 29, 1911.

Andrew J. Sawyer, Manchester, member of the State Board of Registration in Dentistry, September 29, 1911.

Harold E. Hardy, Hollis, Trustee of New Hampshire College of Agriculture and the Mechanic Arts, October 16, 1911.

Michael E. Long, Portsmouth, member of Board of Managers of the Soldiers' Home, October 16, 1911.

George Blanchet, Manchester, Police Commissioner, October 16, 1911.

Leonard G. Smith, Manchester, Bank Commissioner, October 16, 1911. (Declined.)

David W. Parker, Manchester, Trustee of State Industrial School, October 16, 1911.

William D. Chandler, Concord, Trustee of State Library, October 30, 1911.

Nazaire E. Biron, Manchester, Trustee of State Industrial School, October 30, 1911.

Herbert E. Rice, Nashua, member of Pharmacy Commission, October 30, 1911.

George H. Bingham, Manchester, Trustee of New Hampshire College of Agriculture and the Mechanic Arts, October 30, 1911.

Harry A. Gregg, Nashua, Police Commissioner, November 14, 1911.

Robert J. Merrill, Claremont, Insurance Commissioner, November 23, 1911.

Walter C. O'Kane, Durham, State Agent for the Suppression of the Brown-Tail and Gypsy Moth, November 23, 1911.

Henry K. W. Scott, Warden of the State Prison, November 27, 1911.

Charles H. Cook, M. D., Physician at the State Prison, November 27, 1911.

Rev. Claudius Byrne, Chaplain at the State Prison, November 27, 1911.

Burleigh Roberts, Lancaster, Special Justice of the Lancaster Police Court, November 27, 1911.

Thomas F. Johnson, Colebrook, Bank Commissioner, December 14, 1911.

Joseph G. Marsh, Manchester, Hall of Heroes Commission, December 14, 1911.

Joseph Madden, Keene, member of the Commission to Promote Uniformity of Legislation in the United States, December 14, 1911.

George A. Wagner, Manchester, Judge of Probate for Hillsborough County, December 29, 1911.

James P. Tuttle, Manchester, Attorney-General, December 29, 1911.

Mrs. Mary Ray Hyde, Manchester, Trustee of State Industrial School, January 16, 1912.

George H. Whiteher, Berlin, Trustee of State Normal Schools, February 16, 1912.

Robert E. Faulkner, Keene, member of the Board of Forestry Commissioners, February 16, 1912.

Henry S. Richardson, Justice of the Claremont Police Court, February 20, 1912.

William E. Kinney, Special Justice of the Claremont Police Court, February 20, 1912.

S. Percy Hooker, Le Roy, N. Y., State Superintendent of Highways, February 29, 1912.

Rev. Whitman S. Bassett, Penacook, Chaplain of the State Prison, February 29, 1912.

Edward E. Nowell, Exeter, Police Commissioner, February 29, 1912.

William Burlingame, Exeter, Police Commissioner, February 29, 1912.

Harry D. Shea, Berlin, Police Commissioner, March 13, 1912.

Burritt H. Hinman, Berlin, member of commission to lay out highway to Christine Lake, April 16, 1912.

Albert D. Feleh, Sunapee, Trial Justice for town of Sunapee, April 30, 1912.

George M. Williams, Warren, Trial Justice for town of Warren, May 29, 1912.

Howard N. Kingsford, M. D., Hanover, member of the Board of Medical Examiners representing New Hampshire Medical Society, May 29, 1912.

Irving A. Watson, M. D., Concord, Trustee of the State Sanatorium for Consumptives, May 29, 1912.

Robert L. Smiley, Sutton, Trial Justice for town of Sutton, June 14, 1912.

George A. Bowers, Nashua, member of the Board of Registration in Dentistry, June 28, 1912.

Alden F. Sanborn, Fremont, member of the State Board of Agriculture, July 29, 1912.

William P. Straw, Manchester, Trustee of New Hampshire State Hospital, July 29, 1912.

Henry W. Anderson, Exeter, Trustee of New Hampshire State Hospital, July 29, 1912.

Benjamin W. Couch, Concord, Trustee of New Hampshire State Hospital, July 29, 1912.

William H. Caldwell, Peterborough, Trustee of New Hampshire College of Agriculture and the Mechanic Arts, July 29, 1912.

Kate Howard Brown, Whitefield, member of the State Board of Charities and Correction, July 29, 1912.

Evariste C. Tremblay, Manchester, member of the Board of Registration in Optometry, July 29, 1912.

J. Albert Sanborn, Portsmouth, member of Hall of Heroes Commission, July 29, 1912.

Frank P. Tilton, Laconia, Judge of Probate for Belknap County, August 17, 1912.

George R. Smith, M. D., Dover, member of Board of Medical Examiners, representing New Hampshire Homeopathic Medical Society, August 17, 1912.

William P. Niles, Nashua, Trustee of State Industrial School, August 17, 1912.

Eugene Sullivan, Concord, member of Pharmacy Commission, August 17, 1912.

Charles A. Perkins, Manchester, Ballot Law Commissioner, August 30, 1912.

Charles C. Rogers, Tilton, Ballot Law Commissioner, August 30, 1912.

Charles E. Cox, Manchester, member of committee to examine into the workings of the system of Centralized Supervision of Penal and Charitable Institutions, August 30, 1912.

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## Commissioners to Solemnize Marriages.

(Appointed September 1, 1911, to August 31, 1912, inclusive.)

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- Rev. Clarence L. Eaton, Bellows Falls, Vt., September 1, 1911.  
Rev. William J. Cloues, Newton Centre, Mass., September 29, 1911.  
Rev. Matthew J. Hyndman, Philadelphia, Pa., October 16, 1911.  
Rev. A. Z. Conrad, Boston, Mass., October 30, 1911.  
Rev. Charles R. Bailey, Taunton, Mass., January 16, 1912.  
Rev. Samuel Russell, Manchester, February 16, 1912.  
Rev. Charles H. Davis, Portland, Me., April 16, 1912.  
Rev. William Guard, Portland, Me., April 16, 1912.  
Rev. Frank L. Janeway, New York, April 16, 1912.  
Rev. Julius P. West, Northampton, Mass., May 15, 1912.  
Rev. George W. Russell, East Dover, Vt., May 29, 1912.  
Rev. N. Dandridge Pendleton, Pittsburg, Pa., May 29, 1912.  
Rev. George W. Sederquist, ———, Mass., June 14, 1912.  
Rev. Henry W. Hulbert, Portland, Me., June 14, 1912.  
Rev. William G. Fennell, Hartford, Conn., June 14, 1912.  
Rev. James Chalmers, Fitchburg, Mass., June 14, 1912.  
Rev. Charles H. Atkins, Lynn, Mass., June 14, 1912.  
Rev. Arthur W. Bailey, South Hadley, Mass., June 14, 1912.

Rev. George H. Thomas, Fitchburg, Mass., June 14, 1912.  
Rev. Baman N. Stone, Fryeburg, Me., June 14, 1912.  
Rev. Fred L. Piper, Boston, Mass., June 14, 1912.  
Rev. John H. Wilkins, Thomaston, Me., June 14, 1912.  
Rev. Carl H. Elmore, Briarcliff Manor, N. Y., July 29, 1912.  
Rev. Robert L. Webb, Haverhill, Mass., July 29, 1912.  
Rev. Edwin S. Tasker, Lawrence, Mass., July 29, 1912.  
Rev. Mark H. Sharples, Canaan, Vt., July 29, 1912.  
Rev. Henry A. Coolidge, Templeton, Mass., August 17, 1912.  
Rev. C. F. Hill Crathern, Worcester, Mass., August 17, 1912.

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## Commissioners of Deeds.

(Appointed September 1, 1911, to August 31, 1912.)

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David Burns Bartlett, Boston, Mass., September 29, 1911.  
Anson S. Taylor, Washington, D. C., October 16, 1911.  
John W. Sherman, Boston, Mass., October 16, 1911.  
David A. Pingree, White River Junction, Vt., January 16, 1912.  
Frank E. Barnard, Boston, Mass., January 16, 1912.  
Edwin C. Potter, Providence, R. I., January 16, 1912.  
Isaac R. Hitt, Washington, D. C., February 16, 1912.  
John S. Wurts, Philadelphia, Pa., May 15, 1912.  
Charles Henry Hesse, Baltimore, Md., May 29, 1912.



## Justices of the Peace and Quorum.

(Appointed During Year Ending August 31, 1912.)

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Name.	Residence.	Date of Appointment.
Abbott, Converse H.	Derry,	June 28, 1912
Abbott, George H.	Hudson,	Jan. 16, 1912
Abbott, Nathan G.	Salem,	April 16, 1912
Adams, Benjamin F.	Concord,	Sept. 1, 1911
Adams, Edward H.	Portsmouth,	July 29, 1912
Additon, Harry L.	Manchester,	Dec. 29, 1911
Africa, Walter G.	Manchester,	Dec. 29, 1911
Aiken, Frederic W.	Newport,	Dec. 29, 1911
Albin, John H.	Concord,	Aug. 17, 1912
Aldred, J. William	Manchester,	Feb. 16, 1912
Aldrich, Frank L.	Pembroke,	Sept. 8, 1911
Allen, Samuel N.	Boscawen,	Aug. 17, 1912
Amey, John T.	Lancaster,	Dec. 14, 1911
Amsden, Charles G.	Mason,	June 14, 1912
Annett, Albert	Jaffrey,	Sept. 29, 1911
Arey, Harold B.	Conway,	May 29, 1912
Ashman, John W.	Laconia,	Sept. 29, 1911
Avery, Frank W.	Manchester,	Sept. 8, 1911
Avery, J. Clifton	Wolfeboro,	Feb. 16, 1912
Avery, Oscar J.	Effingham,	April 30, 1912
Batchelder, John L.	Laconia,	March 13, 1912
Bacon, Clarence F.	Berlin,	April 16, 1912
Bailey, Charles W.	Hampstead,	Dec. 29, 1911
Bailey, Frank A.	Concord,	Dec. 29, 1911
Baker, William A.	Hopkinton,	Jan. 16, 1912
Bakie, Daniel J.	Kingston,	Sept. 8, 1911
Baldwin, Frank W.	Pittsburg,	Feb. 16, 1912
Barker, Stephen N.	Nashua,	March 13, 1912
Barker, Tyler L.	Newport,	May 15, 1912
Barnes, Fred E. S.	Claremont,	Feb. 16, 1912
Barnes, George W.	Lyme,	April 30, 1912
Barnes, Lester C.	Conway,	Nov. 13, 1911
Barney, Charles O.	Canaan,	March 13, 1912
Barney, Edward A.	Canaan,	Feb. 16, 1912
Bartlett, Eben L.	Deering,	Feb. 29, 1912
Bartlett, Levi S.	Kingston,	Feb. 16, 1912

Name.	Residence.	Date of Appointment.
Barton, George C.	Plainfield,	Aug. 17, 1912
Bates, John K.	Portsmouth,	May 29, 1912
Battles, Frank	Concord,	March 13, 1912
Bean, William H.	Henniker,	Feb. 16, 1912
Bean, Willie F.	Manchester,	March 13, 1912
Beane, Norman H.	Portsmouth,	July 29, 1912
Beckford, Frank M.	Laconia,	March 13, 1912
Bell, George A.	Berlin,	July 29, 1912
Bell, S. Howard	Derry,	Dec. 29, 1911
Bellows, William H.	Littleton,	Dec. 14, 1911
Bennett, John P.	Farmington,	March 13, 1912
Benson, William H.	Derry,	March 13, 1912
Berry, Horace	Windham,	Oct. 30, 1911
Berry, Walter C.	Manchester,	Feb. 16, 1912
Beverstock, Carl G.	Keene,	Dec. 29, 1911
Beverstock, Clare D.	Keene,	April 16, 1912
Bickford, Charles W.	Manchester,	May 29, 1912
Bill, Willard, Jr.	Westmoreland,	May 15, 1912
Bingham, Harry	Littleton,	May 15, 1912
Birsner, Eugene F. W.	Manchester,	July 29, 1912
Bishop, Charles D.	Jefferson,	Nov. 13, 1911
Bisson, Alexis F.	Manchester,	Nov. 13, 1911
Blackburn, Frank E.	Dover,	Feb. 29, 1912
Blaisdell, Frank	Goffstown,	Dec. 29, 1911
Blakslee, Herbert W.	Dalton,	Dec. 14, 1911
Blanchard, George G.	Wilton,	Nov. 13, 1911
Blodgett, James R.	Pittsburg,	April 30, 1912
Blodgett, Orrin J.	Newbury,	May 29, 1912
Bodwell, Herbert J. L.	Sanbornton,	Sept. 1, 1911
Boisvert, William W.	Manchester,	June 28, 1912
Boivin, Joseph A.	Manchester,	Dec. 29, 1911
Bolton, Hiram O.	Winchester,	April 30, 1912
Boody, Horace P.	New Durham,	Nov. 13, 1912
Boudreau, Joseph L.	Manchester,	April 16, 1912
Bowen, Frank H.	Nashua,	March 29, 1912
Boyer, Edmund S.	Somersworth,	May 15, 1912
Brackett, James S.	Lancaster,	Nov. 13, 1911
Bragg, Lewis C.	Errol,	Aug. 17, 1912
Brewer, Homer L.	Manchester,	April 30, 1912
Brewster, Charles W.	Portsmouth,	Jan. 16, 1912
Bridgman, Nathan C.	Lebanon,	Feb. 29, 1912
Briggs, Harry J.	Manchester,	Feb. 16, 1912

Name.	Residence.	Date of Appointment.
Brooks, Clarence M.	Keene,	April 16, 1912
Brooks, Hartley L.	Claremont,	Dec. 29, 1911
Brophy, John	Manchester,	May 15, 1912
Brown, Dana J.	Ossipee,	May 15, 1912
Brown, Frank H.	Claremont,	May 15, 1912
Brown, Fred H.	Somersworth,	Dec. 14, 1911
Brown, George E.	Warren,	May 15, 1912
Brown, George R.	Newport,	May 15, 1912
Brown, Harold W.	Dover,	Sept. 1, 1911
Brown, J. Arthur	Rye,	Feb. 16, 1912
Bruce, Dana R.	Hillsborough,	Feb. 29, 1912
Bruce, James	Exeter,	July 29, 1912
Buck, Charles S.	Rochester,	March 13, 1912
Burbank, Edward A.	Berlin,	May 15, 1912
Burke, John H.	Madison,	March 29, 1912
Burleigh, Alvin	Plymouth,	May 15, 1912
Burlingame, William	Exeter,	Feb. 16, 1912
Burnham, Henry E.	Manchester,	July 29, 1912
Burroughs, Sherman E.	Manchester,	June 28, 1912
Butler, Frank D.	Portsmouth,	Aug. 30, 1912
Buxton, Fred C.	Salem,	July 29, 1912
Buzzell, John M.	Claremont,	Feb. 16, 1912
Cahalane, John W.	Walpole,	June 28, 1912
Cameron, Charles C.	Nashua,	Aug. 17, 1912
Carey, Bernard W.	Newport,	May 15, 1912
Carpenter, Charles E.	Littleton,	Sept. 29, 1911
Carter, Solon A.	Concord,	Jan. 16, 1912
Carter, William S.	Lebanon,	April 30, 1912
Casler, Loren D.	Somersworth,	Sept. 1, 1911
Cate, Harry L.	Manchester,	May 15, 1912
Cavanaugh, James S.	Manchester,	Nov. 13, 1911
Caverly, Dearborn F.	Meredith,	Sept. 1, 1911
Celley, Edwin R.	Piermont,	Feb. 16, 1912
Chadbourne, Frank J.	Plainfield,	Feb. 16, 1912
Chadwick, Hale	Concord,	May 15, 1912
Chadwick, William K.	Dover,	Feb. 16, 1912
Chamberlin, Alonzo L.	Lebanon,	Feb. 16, 1912
Chapman, Adin R.	Berlin,	May 15, 1912
Chase, Charles L.	Milford,	June 14, 1912
Cheever, Harold D.	Greenfield,	Dec. 14, 1911
Chickering, Jacob E.	Pembroke,	June 28, 1912
Churchill, Charles	Brookfield,	May 15, 1912

Name.	Residence.	Date of Appointment.
Cilley, Laburton G.	Kingston,	May 29, 1912
Cilley, Wesley E.	Newbury,	Feb. 16, 1912
Clark, Edward M.	Haverhill,	May 29, 1912
Clark, Thomas A.	Claremont,	May 15, 1912
Clay, Willis H.	Dover,	May 29, 1912
Clement, Charles S.	Nashua,	June 28, 1912
Clement, Edward W.	Lincoln,	July 29, 1912
Clement, Frank D.	Allenstown,	July 29, 1912
Clough, Arthur C.	Haverhill,	Feb. 16, 1912
Clough, Frank W.	Franklin,	Jan. 16, 1912
Clough, Joseph P.	Nashua,	July 29, 1912
Cobb, James A.	Nashua,	Dec. 29, 1911
Cochran, George A.	Antrim,	March 29, 1912
Cofran, George P.	Pembroke,	Dec. 29, 1911
Colbath, George H.	Pittsfield,	Dec. 29, 1911
Colburn, Albert W.	Somersworth,	June 14, 1912
Colburn, Charles N.	Nashua,	Feb. 29, 1912
Colburn, Ernest D.	Manchester,	June 14, 1912
Colby, Freeman E.	Henniker,	May 15, 1912
Colby, Ira G.	Claremont,	June 28, 1912
Colby, John M.	Canterbury,	May 15, 1912
Colby, Lewis H.	Claremont,	March 29, 1912
Collins, Clinton	Marlborough,	May 15, 1912
Comings, Fred P.	Lee,	July 29, 1912
Comstock, Horace	Clarksville,	May 29, 1912
Conant, William R.	Orford,	Dec. 29, 1911
Conlon, William L.	Portsmouth,	Feb. 29, 1912
Converse, Ulric A.	Rindge,	July 29, 1912
Cook, William G.	Rumney,	Dec. 29, 1911
Coolidge, John W.	Bristol,	Dec. 14, 1911
Coombs, William S.	Wilmot,	March 29, 1912
Corey, Guy E.	Portsmouth,	May 29, 1912
Corning, Charles R.	Concord,	May 15, 1912
Corning, Frank H.	Manchester,	Feb. 29, 1912
Cosker, Michael F.	Dover,	Feb. 16, 1912
Costakis, James	Manchester,	April 30, 1912
Cotton, Henry B.	Conway,	Feb. 16, 1912
Coulombe, Ovide J.	Gorham,	Sept. 8, 1911
Crane, George F.	Goshen,	June 28, 1912
Crombie, Abner B.	Antrim,	Feb. 16, 1912
Crooker, Conrad W.	Fitzwilliam,	May 29, 1912
Cross, Alvin B.	Concord,	May 29, 1912

Name.	Residence.	Date of Appointment.
Crowell, Fred J.	Nashua,	Feb. 16, 1912
Crowell, William H.	Londonderry,	July 29, 1912
Crowley, James B.	Nashua,	Dec. 14, 1911
Cummings, Daniel E.	Colebrook,	Feb. 16, 1912
Cummings, Edward J.	Littleton,	June 14, 1912
Cummings, James M.	Peterborough,	July 29, 1912
Curtis, Howard M.	Newcastle,	Feb. 16, 1912
Daley, Daniel J.	Berlin,	Feb. 16, 1912
Danforth, George W.	Deerfield,	Feb. 16, 1912
Daniell, Frank H.	Franklin,	April 16, 1912
Davie, John S. B.	Concord,	Feb. 29, 1912
Davis, Charles H.	Alton,	May 15, 1912
Davis, Lewis W.	Jaffrey,	March 13, 1912
Dearth, Fred P.	Haverhill,	Sept. 8, 1911
Demeritt, James Y.	Dover,	Sept. 8, 1911
Demond, Fred C.	Concord,	Dec. 14, 1911
Devoy, T. J. Ernest	Concord,	March 13, 1912
Dewey, Jesse E.	Lebanon,	May 15, 1912
Dexter, Arthur J.	Bethlehem,	Feb. 16, 1912
Dinsmore, Silas M.	Keene,	Sept. 1, 1911
Doane, Nathaniel	Manchester,	Dec. 14, 1911
Dodge, George	Sunapee,	Sept. 8, 1911
Dodge, Henry	Webster,	Jan. 16, 1912
Dolloff, Leslie W.	Manchester,	Feb. 16, 1912
Donnelly, Thomas B.	Manchester,	April 16, 1912
Donovan, Michael H.	Concord,	March 13, 1912
Dooning, John J.	Concord,	April 30, 1912
Dow, Albert B.	Conway,	Sept. 29, 1912
Dow, George B. N.	Manchester,	June 14, 1912
Dowd, Arthur V.	Bristol,	April 16, 1912
Dozois, Arthur D.	Manchester,	Dec. 29, 1911
Draper, Warren M.	Franklin,	Oct. 30, 1911
Drew, John A.	Rumney,	March 29, 1912
Duncan, George H.	Jaffrey,	Feb. 29, 1912
Dunlap, Frank H.	Salisbury,	May 15, 1912
Durgin, Charles F.	Lancaster,	July 29, 1912
Durgin, Frank H.	Newmarket,	Nov. 27, 1912
Dutton, Edward C.	Concord,	Aug. 17, 1912
Eastman, Arthur E.	Manchester,	Oct. 16, 1911
Eastman, Chester C.	Chatham,	July 29, 1912
Eastman, Melvin B.	Orange,	Aug. 17, 1912
Eastman, Richard B.	Jefferson,	June 14, 1912

Name.	Residence.	Date of Appointment.
Eastman, Richard T.	Littleton,	Dec. 14, 1911
Eaton, Albert B.	Mason,	Dec. 29, 1911
Eaton, Daniel E.	Meredith,	Dec. 14, 1911
Edgar, Robert	Manchester,	March 13, 1912
Edgerly, Dwight E.	Farmington,	Feb. 16, 1912
Edgerton, Halsey C.	Hanover,	May 15, 1912
Elliot, William H.	Keene,	Nov. 13, 1911
Emerson, Abraham F.	Manchester,	Feb. 16, 1912
Emerson, Edwin C.	Pittsfield,	Aug. 30, 1912
Emerson, Walter E.	Fitzwilliam,	March 29, 1912
Emerson, William L.	Windham,	Feb. 16, 1912
Emerson, William O.	Dalton,	April 30, 1912
Emery, Alfred D.	Auburn,	Dec. 29, 1911
Emery, Dana A.	Manchester,	May 29, 1912
Emery, Justin A.	Rochester,	Nov. 27, 1911
Estabrook, Jedediah C.	Keene,	Dec. 29, 1911
Estes, Charles L.	Somersworth,	March 29, 1912
Evans, Alfred R.	Gorham,	May 15, 1912
Evans, Wilbur J.	Farmington,	Feb. 16, 1912
Fairbanks, Henry B.	Manchester,	July 29, 1912
Fairfield, Orrin R.	Somersworth,	Feb. 29, 1912
Falvey, John H.	Henniker,	Sept. 29, 1911
Farr, Lorenzo S.	Dalton,	Sept. 1, 1911
Faulkner, Frederic A.	Keene,	Nov. 13, 1911
Faulkner, Philip H.	Keene,	June 28, 1912
Faunce, A. Lester	Somersworth,	April 16, 1912
Feeney, James J.	Berlin,	Feb. 16, 1912
Felch, Albert D.	Sunapee,	Feb. 29, 1912
Felker, Samuel F.	Rochester,	Dec. 29, 1911
Fellows, George E.	Raymond,	Feb. 16, 1912
Felton, A. Eugene	Manchester,	Feb. 16, 1912
Fernald, Frank F.	Dover,	May 29, 1912
Fernald, Josiah E.	Concord,	Nov. 13, 1911
Field, Henry C.	Bristol,	May 29, 1912
Fields, Charles H.	Merrimack,	Feb. 16, 1912
Fifield, H. Boardman	Conway,	Feb. 16, 1912
Finning, Thomas J.	Enfield,	Sept. 8, 1911
Firmin, Julius H.	Fitzwilliam,	Feb. 16, 1912
Fischer, Herbert B.	Pittsfield,	Feb. 29, 1912
Fitch, Arthur L.	Claremont,	March 29, 1912
Fitzpatrick, Martin W.	Nashua,	April 16, 1912
Flanders, Charles F.	Candia,	May 29, 1912



Name.	Residence.	Date of Appointment.
Flanders, Charles F.	Nashua,	Feb. 29, 1912
Fletcher, Josiah M.	Nashua,	July 29, 1912
Flint, Walter M.	Lyme,	Dec. 14, 1911
Fogg, William D.	Hancock,	Feb. 16, 1912
Fogg, William M.	Bethlehem,	March 13, 1912
Folsom, William O.	Henniker,	Nov. 13, 1911
Forbes, Roy E.	Keene,	Feb. 16, 1912
Ford, Walter H.	Orange,	Aug. 17, 1912
Foote, Arthur L.	Dover,	Sept. 8, 1911
Foster, Benjamin F.	Milford,	Feb. 16, 1912
Foster, George W.	Lyman,	Feb. 16, 1912
Foster, John H.	Hanover,	April 16, 1912
Fowler, Henry T.	Pembroke,	Feb. 16, 1912
Fox, George A.	Manchester,	Jan. 16, 1912
Fox, Perley E.	Marlow,	Feb. 29, 1912
Fraser, John F.	Rye,	Sept. 1, 1911
French, Louis A.	Pittsfield,	April 16, 1912
Frost, John B.	Jefferson,	June 28, 1912
Frost, John F.	Manchester,	March 13, 1912
Frye, Charles W.	Colebrook,	Dec. 29, 1911
Fuller, John A.	Hopkinton,	Feb. 16, 1912
Gallinger, Jacob H.	Concord,	April 16, 1912
Gamash, Frederick	Newport,	Feb. 16, 1912
Gammons, Ellis G.	Ashland,	July 29, 1912
Gardner, Hiram W.	Littleton,	March 13, 1912
Garland, Albert	Portsmouth,	Feb. 16, 1912
Gelinas, Arnold R.	Manchester,	Dec. 14, 1911
George, Henry C.	Newmarket,	Nov. 13, 1911
George, James M.	Goffstown,	Dec. 29, 1911
Gibson, James L.	Conway,	Feb. 16, 1912
Giles, George H. A.	Concord,	March 29, 1912
Gilman, George E.	Tamworth,	Dec. 29, 1911
Gilman, Steven W.	Croydon,	Feb. 29, 1912
Gilman, Wilbur H.	Wolfeboro,	April 16, 1912
Gipson, Clarence M.	Greenfield,	Dec. 14, 1911
Goodchild, Alfred	Durham,	Sept. 8, 1911
Goodell, John	Hillsborough,	Sept. 29, 1911
Goodrich, John H.	Derry,	March 13, 1912
Goold, Phineas R.	Littleton,	May 15, 1912
Gordon, George C.	Salem,	May 15, 1912
Gorrel, Gawn E.	Northfield,	March 13, 1912
Goulding, Lorin D.	Conway,	March 29, 1912

Name.	Residence.	Date of Appointment.
Graney, Thomas	Wilmot,	Feb. 29, 1912
Grant, David A.	Lyne,	April 16, 1912
Greeley, Charles S.	Londonderry,	Sept. 29, 1911
Greene, John F.	Loudon,	Dec. 29, 1911
Gregg, Harry A.	Nashua,	April 30, 1912
Griffin, Everett E.	Derry,	April 16, 1912
Griffin, George M.	Sandown,	Feb. 16, 1912
Gupfill, George H.	Raymond,	June 28, 1912
Hackett, Wallace	Portsmouth,	Feb. 16, 1912
Hadley, Edwin S.	Canaan,	April 16, 1912
Hadley, John L.	Manchester,	Aug. 17, 1912
Hale, Charles A.	Hollis,	Sept. 29, 1911
Hale, Napoleon B.	Franklin,	Sept. 29, 1911
Hall, Arthur W.	Dover,	Aug. 17, 1912
Hall, Dwight	Dover,	June 28, 1912
Hallisey, Dennis J.	Nashua,	June 28, 1912
Hamlin, Frank W.	Charlestown,	Feb. 29, 1912
Hancox, Henry A.	Newbury,	Aug. 17, 1912
Hardy, Val M.	Enfield,	April 16, 1912
Hardy, Willis F.	Ashland,	Feb. 16, 1912
Harrigan, Daniel J.	Lebanon,	Jan. 16, 1912
Harris, Peter	Manchester,	April 16, 1912
Hartshorn, Harry T.	Hart's Location,	Sept. 29, 1911
Hartwell, DeWitt C.	Nashua,	Oct. 30, 1911
Haskell, Joseph H.	Claremont,	Dec. 29, 1911
Haskell, Pearl T.	Concord,	Dec. 14, 1911
Hatch, Eugene W.	Eaton,	Dec. 29, 1911
Hatch, Wesley E.	Alton,	Sept. 29, 1911
Hayes, Arthur H.	Rochester,	Dec. 29, 1911
Haves, Eugene B.	Farmington,	Aug. 17, 1912
Heald, Harry L.	Littleton,	Sept. 8, 1911
Heald, Walter N.	Littleton,	June 14, 1912
Healey, John J.	Laconia,	Dec. 14, 1911
Heath, Harry E.	Amherst,	June 14, 1912
Hill, James G.	Conway,	March 13, 1912
Hills, Edwin E.	Hudson,	June 28, 1912
Hills, Joseph S.	Plaistow,	April 16, 1912
Hinkley, Irving A.	Colebrook,	June 14, 1912
Hobbs, Alfred K.	Manchester,	May 15, 1912
Hobbs, Herbert W.	Ossipee,	Jan. 16, 1912
Hobbs, Irving J.	Madison,	Dec. 29, 1911
Hobbs, John W. F.	North Hampton,	Aug. 30, 1912

Name.	Residence.	Date of Appointment.
Hobbs, Joseph O.	North Hampton,	Feb. 16, 1912
Hobbs, Josiah H.	Madison,	Nov. 13, 1911
Hodgdon, William A.	Portsmouth,	March 29, 1912
Hodgman, Burns P.	Concord,	May 15, 1912
Hodgman, Fred L.	Manchester,	Sept. 29, 1911
Holbrook, Harold A.	Manchester,	March 29, 1912
Holden, Arthur J.	Keene,	June 28, 1912
Hollis, Henry F.	Concord,	Nov. 13, 1911
Holman, Samuel W.	Hillsborough,	Feb. 16, 1912
Holmes, Daniel L.	Webster,	Aug. 17, 1912
Hopkins, Frank C.	Keene,	Sept. 8, 1911
Hopkins, Walter L.	Greenfield,	Feb. 29, 1912
Horton, Hezekiah F.	Hinsdale,	Feb. 29, 1912
Houle, Fred A.	Somersworth,	May 29, 1912
Hourihan, Timothy J.	Manchester,	April 30, 1912
Howe, Frank	Lisbon,	June 14, 1912
Howe, Gardner S.	Hinsdale,	Feb. 29, 1912
Hoyt, Arthur E.	Plaistow,	Feb. 16, 1912
Hoyt, Edward E.	Madison,	Dec. 29, 1911
Huckins, Ernest C.	Ossipee,	June 28, 1912
Huckins, Joseph P.	Plymouth,	Feb. 16, 1912
Hunt, Thomas E.	Gilford,	March 13, 1912
Hurd, Edson L.	Hollis,	April 16, 1912
Hurd, Leon D.	Manchester,	Feb. 29, 1912
Hutchins, John C.	Stratford,	Sept. 29, 1911
Hutchinson, John E.	Laconia,	Feb. 16, 1912
Jackman, Charles L.	Concord,	May 15, 1912
Jackman, Freeman T.	Concord,	Feb. 29, 1912
Jackson, James R.	Littleton,	Feb. 29, 1912
Jameson, Charles H.	Colebrook,	April 30, 1912
Jameson, Charles R.	Antrim,	May 29, 1912
Jaquith, John A.	Manchester,	Feb. 16, 1912
Jenkins, Frank S.	Pittsfield,	Oct. 16, 1911
Jewell, John W.	Dover,	Sept. 8, 1911
Jewell, Oscar E.	Warner,	Dec. 14, 1911
Jewett, Frank K.	Keene,	Nov. 13, 1911
Johnson, Charles W.	Woodstock,	Feb. 29, 1912
Johnson, Fred S.	Concord,	Nov. 13, 1911
Johnson, Hiram N.	Unity,	Dec. 14, 1911
Johnson, Perley A.	Newport,	March 13, 1912
Johnson, Thomas F.	Colebrook,	May 29, 1912
Jones, Charles A.	Milton,	Nov. 13, 1911

Name.	Residence.	Date of Appointment.
Jones, Dana P.	New Durham,	Feb. 16, 1912
Jones, Napoleon E.	Nashua,	Nov. 13, 1911
Junkins, Albert R.	Portsmouth,	Aug. 17, 1912
Keach, Edwin S.	Pittsburg,	March 13, 1912
Keeler, I. Eugene	Concord,	Nov. 13, 1911
Kelsea, Burleigh H.	Colebrook,	May 15, 1912
Kempton, Elisha M.	Newport,	March 29, 1912
Keniston, Davis B.	Plymouth,	Feb. 16, 1912
Keniston, John	Plymouth,	April 16, 1912
Kennett, A. Crosby	Conway,	May 15, 1912
Kerrigan, George E.	Concord,	July 29, 1912
Keyes, Arthur L.	Milford,	May 15, 1912
Keyon, Charles E.	Hinsdale,	April 16, 1912
Kilburn, B. Frank	Concord,	Aug. 17, 1912
Kimball, John S.	Rochester,	March 13, 1912
Kiniry, Ralph W.	Claremont,	June 14, 1912
Kivel, John	Dover,	March 13, 1912
Knowlton, Charles A.	Sunapee,	March 13, 1912
Knowlton, George F.	Harrisville,	Feb. 16, 1912
Knowlton, Herbert H.	Newmarket,	March 13, 1912
Labonte, Paul	Somersworth,	Feb. 16, 1912
Lagasse, Henri S.	Nashua,	May 29, 1912
Lamson, Herbert H.	Plymouth,	Sept. 29, 1911
Langmaid, Charles A.	Chichester,	May 29, 1912
Langmaid, William H.	Haverhill,	Nov. 27, 1911
Langston, Edwin H.	Nashua,	Aug. 17, 1912
Latham, Lester H.	Hillsborough,	Aug. 17, 1912
Lavertue, Joseph H.	Laconia,	Sept. 29, 1911
Laycock, Craven	Hanover,	June 28, 1912
Leach, Thomas J.	Newbury,	Dec. 29, 1911
Leavitt, Charles J.	Effingham,	Nov. 13, 1911
Leavitt, John W.	Portsmouth,	Feb. 16, 1912
LeBrun, Cyrille E.	Dorchester,	May 15, 1912
Lee, Walter I.	Thornton,	Nov. 13, 1911
LeMieux, Walter J.	Lebanon,	Nov. 27, 1911
Lewis, Arthur N.	Groton,	Feb. 29, 1912
Lidstone, James B.	Bristol,	Nov. 13, 1911
Litchfield, George A.	Keene,	Feb. 16, 1912
Little, Edmund	Laconia,	May 15, 1912
Little, George F.	Keene,	June 14, 1912
Little, George P.	Antrim,	Dec. 29, 1911
Littlefield, Chauncey B.	Manchester,	May 15, 1912

Name.	Residence.	Date of Appointment.
Locke, Irving M.	Barrington,	Aug. 30, 1912
Locke, Henry W.	Barrington,	Jan. 16, 1912
Lonergan, Patrick	Nashua,	July 29, 1912
Lord, Edward H.	Keene,	Dec. 14, 1911
Lord, Francis H.	Ossipee,	Feb. 16, 1912
Lord, John G. C.	Exeter,	Aug. 17, 1912
Lovejoy, John B.	Dummer,	Dec. 14, 1911
Loveren, Harry E.	Manchester,	Dec. 14, 1911
Lovering, Guy A.	Springfield,	Nov. 27, 1911
Lyford, James O.	Concord,	Aug. 17, 1912
Mackin, Henry J.	Concord,	Jan. 16, 1912
Madden, Charles A.	Keene,	March 13, 1912
Madigan, Thomas H., Jr.	Manchester,	Dec. 29, 1911
Mahoney, James J.	Manchester,	June 28, 1912
Marsh, Forrest L.	Milton,	Nov. 13, 1911
Martin, Henry R.	Hillsborough,	April 16, 1912
Mason, Orson L.	Keene,	Feb. 16, 1912
Matthews, Joseph S.	Concord,	Feb. 16, 1912
Mayer, Edward D.	Exeter,	Sept. 29, 1911
Mayo, George A.	Alstead,	Feb. 29, 1912
Mayo, George S.	Lyme,	Sept. 1, 1912
McAllister, Charles A.	Pittsburg,	June 28, 1912
McCrillis, Alonzo	Sandwich,	June 28, 1912
McElroy, William	Manchester,	Feb. 16, 1912
McGregor, George G.	Whitefield,	March 29, 1912
McGregor, Walter B.	Londonderry,	March 29, 1912
McGroty, James	Dover,	Feb. 16, 1912
McIntire, John L.	Milan,	April 30, 1912
McLane, John R.	Manchester,	Aug. 17, 1912
McMaster, Frank A.	Nashua,	April 16, 1912
Merrick, Henry E.	Henniker,	Feb. 16, 1912
Merrill, David P.	Pittsburg,	Aug. 17, 1912
Merrill, Henry M.	Dorchester,	May 15, 1912
Messer, George J.	Newbury,	Nov. 13, 1911
Messinger, Henry E.	Stoddard,	Oct. 16, 1911
Metcalf, Burgess C.	Piermont,	Feb. 29, 1912
Miles, Charles S.	Carroll,	May 15, 1912
Miller, Walter H.	New Durham,	Dec. 29, 1911
Mills, Roscoe S.	Hamstead,	June 14, 1912
Mitchell, Andrew J.	Lempster,	June 14, 1912
Moody, Edwin H.	Plaistow,	April 16, 1912
Moore, Albert C.	Laconia,	Feb. 16, 1912

Name.	Residence.	Date of Appointment.
Moore, Fred L.	Tamworth,	May 15, 1912
Moors, Cyrus S.	Marlborough,	Nov. 13, 1911
Moran, Thomas F.	Nashua,	May 15, 1912
Morey, Charles H.	Hart's Location,	Sept. 29, 1911
Morgan, William H.	Manchester,	March 13, 1912
Morgrage, Charles	Goffstown,	Dec. 14, 1911
Morris, George F.	Lancaster,	Sept. 29, 1911
Moulton, Arthur P.	Sandwich,	April 16, 1912
Moulton, George W.	Lisbon,	March 13, 1912
Mousley, Bayard T.	Alstead,	April 16, 1912
Murch, Merville B.	Livermore,	June 14, 1912
Murray, George J.	Portsmouth,	Nov. 13, 1911
Nason, Edward M.	Concord,	Aug. 30, 1912
Neil, James O.	Nashua,	May 15, 1912
Nelson, James M.	Manchester,	May 15, 1912
Nevens, Charles D.	Cornish,	May 29, 1912
Newman, George E.	Keene,	March 29, 1912
Newton, Sherman T.	Portsmouth,	May 15, 1912
Nickerson, Alonzo	Tamworth,	May 15, 1912
Niles, Edward C.	Concord,	May 15, 1912
Nims, Ainsworth M.	Keene,	July 29, 1912
Noonan, John H.	Enfield,	Feb. 16, 1912
Norton, Alfred H.	Manchester,	March 13, 1912
Noyes, Walter F.	Colebrook,	Feb. 16, 1912
Oakes, John N.	Littleton,	April 16, 1912
O'Connor, William J.	Manchester,	March 29, 1912
Ordway, Frank W.	Milford,	May 15, 1912
Orne, Frederick A.	Middleton,	Dec. 29, 1911
Osborne, Alfred	Weare,	Sept. 29, 1911
Osgood, Clinton S.	Manchester,	Sept. 29, 1911
Otis, Joseph S.	Concord,	April 30, 1912
Owen, Azro L.	Stewartstown,	Feb. 16, 1912
Page, Alonzo F.	Goffstown,	March 13, 1912
Page, William A.	Centre Harbor,	April 30, 1912
Paige, Morton	Antrim,	May 15, 1912
Palmer, A. Burt	Keene,	April 16, 1912
Parker, Wilbur F.	Franconia,	May 15, 1912
Parks, Charles A.	Manchester,	Feb. 16, 1912
Parsons, Cushman H.	Colebrook,	Sept. 8, 1911
Pattee, Seth M.	Salem,	Feb. 16, 1912
Patten, Willis C.	Manchester,	Dec. 29, 1911
Paul, George W.	Newfields,	Dec. 29, 1911



Name.	Residence.	Date of Appointment.
Pearson, Albert M. P.	Epping,	Feb. 16, 1912
Pearson, John W.	Concord,	May 29, 1912
Pease, Bertis A.	Nashua,	March 29, 1912
Peaslee, Jonathan C.	Plymouth,	May 29, 1912
Peavey, George F.	Greenfield,	Dec. 29, 1911
Peavey, George S.	Greenfield,	March 13, 1912
Perkins, Charles H. M.	Newbury,	March 29, 1912
Perkins, David W.	Manchester,	Sept. 8, 1911
Perkins, Robert S.	Tilton,	Nov. 13, 1911
Perkins, Waldo H.	Marlow,	May 29, 1912
Perry, Charles S.	Hillsborough,	June 28, 1912
Perry, Horace A.	Walpole,	Feb. 16, 1912
Perry, Walter G.	Keene,	May 29, 1912
Philbrick, Guy M.	Nashua,	Dec. 29, 1911
Philbrick, Samuel P.	Belmont,	Nov. 27, 1911
Phillips, Henry C.	Haverhill,	Nov. 27, 1911
Phinney, George H.	Manchester,	April 30, 1912
Pickard, Roy M.	Keene,	Nov. 13, 1911
Piper, Ernest K.	Laconia,	Sept. 8, 1911
Piper, Fred H.	Belmont,	Sept. 1, 1911
Pillsbury, Moses H.	Haverhill,	June 28, 1912
Pitman, Charles H.	Farmington,	May 15, 1912
Pitman, William	Bartlett,	Nov. 13, 1911
Place, Alvan P.	Dover,	March 29, 1912
Platt, Charles D.	Stratford,	May 15, 1912
Platts, Harry S.	Troy,	July 29, 1912
Plummer, Daniel E.	Lee,	May 15, 1912
Plummer, John W.	Concord,	Dec. 29, 1911
Plummer, Martin B.	Laconia,	May 15, 1912
Plummer, William A.	Laconia,	May 29, 1912
Poisson, Peter	Rochester,	April 30, 1912
Pollard, Eugene A.	Newport,	Feb. 29, 1912
Poore, John C.	Stewartstown,	April 16, 1912
Porter, Albert E.	Ashland,	May 29, 1912
Powers, Alphonso H.	Litchfield,	Nov. 13, 1911
Prentiss, John W.	Alstead,	Aug. 17, 1912
Prescott, Fred A.	Richmond,	April 30, 1912
Prescott, George G.	Laconia,	Jan. 16, 1912
Prescott, John W.	Kingston,	March 13, 1912
Prescott, True E.	Laconia,	Dec. 29, 1911
Prescott, Warren J.	Hampton Falls,	Feb. 16, 1912
Prince, Frank W.	East Kingston,	Feb. 16, 1912

Name.	Residence.	Date of Appointment.
Purmort, Lucius A.	Newport,	Feb. 16, 1912
Putnam, Herbert W. P.	Claremont,	March 13, 1912
Putney, Fred E.	Andover,	Nov. 13, 1911
Rainie, Herbert W.	Concord,	Feb. 29, 1912
Ramsdell, Harry W.	Nashua,	May 15, 1912
Ramsey, Abram A.	Bennington,	Aug. 17, 1912
Ramsey, Fred K.	Manchester,	Feb. 16, 1912
Rand, Oscar L.	Canaan,	May 15, 1912
Rand, William A.	Seabrook,	July 29, 1912
Rawson, Jonathan A.	Alstead,	March 13, 1912
Ray, John E.	Londonderry,	April 30, 1912
Record, Lewis S.	Newport,	May 29, 1912
Redfield, Henry A.	Dover,	June 14, 1912
Reed, Frank	Unity,	June 28, 1912
Reed, George B.	Conway,	July 29, 1912
Rejimbai, Jean B.	Manchester,	Aug. 17, 1912
Remich, Daniel C.	Littleton,	May 15, 1912
Reynolds, Benjamin M.	Lebanon,	Aug. 30, 1912
Rieh, Abraham S.	Manchester,	Aug. 30, 1912
Richardson, George H.	Moultonborough,	Dec. 29, 1911
Richardson, Myron	Derry,	April 30, 1912
Richmond, William H.	Manchester,	Nov. 13, 1911
Riley, John H.	Claremont,	Feb. 16, 1912
Rix, Guy S.	Concord,	July 29, 1912
Roberts, Joseph D.	Dover,	April 16, 1912
Robertson, Elmer R.	Tamworth,	March 13, 1912
Robie, Horace G.	Canaan,	July 29, 1912
Robins, Joseph E.	Peterborough,	June 14, 1912
Robinson, Fred H.	Jackson,	Feb. 16, 1912
Robinson, Henry	Concord,	May 15, 1912
Roby, Charles A.	Nashua,	May 15, 1912
Rodelsperger, Herman	Manchester,	Dec. 29, 1911
Rolfe, John H.	Concord,	Oct. 30, 1911
Rollins, Dillwyn S.	Newport,	Aug. 17, 1912
Rollins, Frank W.	Concord,	April 16, 1912
Ross, Joseph O.	Epping,	Aug. 30, 1912
Rotch, William B.	Milford,	March 13, 1912
Rundlett, William F.	Exeter,	March 13, 1912
Russell, Harry B.	Littleton,	March 29, 1912
Russell, Robert T.	Sandwich,	Aug. 30, 1912
Russell, William F.	Somersworth,	Feb. 16, 1912
Ryan, John C.	Manchester,	Aug. 17, 1912

Name.	Residence.	Date of Appointment.
Ryder, Bayard C.	Manchester,	Aug. 17, 1912
Saltmarsh, Albert	Concord,	Dec. 29, 1911
Sanborn, Alphonso H.	Manchester,	Feb. 16, 1912
Sanborn, Clarence C.	Tilton,	Apr. 16, 1912
Sanborn, Francellus B.	Sandown,	May 15, 1912
Sanborn, Joseph B.	Fremont,	June 28, 1912
Sanborn, Joseph W.	Bradford,	May 29, 1912
Sanders, Benjamin H.	Sharon,	April 16, 1912
Sanders, Loren A.	Concord,	Dec. 29, 1911
Sanders, Percival O.	Manchester,	April 30, 1912
Sargent, Joseph P.	Concord,	June 28, 1912
Sarsons, Eleazer L.	Lempster,	May 15, 1912
Sawyer, Augustus B.	Franklin,	Feb. 16, 1912
Scammon, John	Exeter,	May 15, 1912
Scott, Walter W.	Dover,	April 30, 1912
Scribner, George H.	Andover,	Nov. 13, 1911
Shackford, J. Fred	Conway,	March 29, 1912
Shaw, E. Ray	Nashua,	Jan. 16, 1912
Shaw, Jean M.	Hill,	March 13, 1912
Shedd, Albert	Nashua,	Dec. 29, 1911
Shedd, Charles Gale	Keene,	May 15, 1912
Shepard, Frederick J.	Derry,	Feb. 16, 1912
Shepard, Joseph E.	Concord,	March 13, 1912
Sherburne, Horace B.	Concord,	Feb. 16, 1912
Sherman, Hiram G.	Claremont,	June 28, 1912
Shirley, Robert L.	Goffstown,	Aug. 17, 1912
Sibley, Lewis A.	Centre Harbor,	March 13, 1912
Sisson, Alfred S.	Cornish,	July 29, 1912
Sleeper, William E.	Concord,	June 28, 1912
Sloberg, Lewis	Portsmouth,	Sept. 8, 1911
Smart, James D.	Manchester,	Aug. 17, 1912
Smith, Edwin A.	Manchester,	July 29, 1912
Smith, Ernest A.	Manchester,	March 29, 1912
Smith, Ernest E.	Lancaster,	May 15, 1912
Smith, John H.	Atkinson,	April 30, 1912
Smith, Joseph F.	Meredith,	March 29, 1912
Smith, Leonard G.	Manchester,	Feb. 16, 1912
Smith, Nelson E.	Londonderry,	April 16, 1912
Smith, True E.	Newmarket,	May 29, 1912
Smyth, Patrick J.	Berlin,	March 13, 1912
Smythe, Rodney E.	Plymouth,	May 15, 1912

Name.	Residence.	Date of Appointment.
Sneden, Claude M.	Littleton,	April 16, 1912
Snow, Edward H.	Swanzy,	April 16, 1912
Spaulding, Harry W.	Manchester,	May 15, 1912
Spencer, Harry D.	Stewartstown,	July 29, 1912
Spofford, Charles B.	Claremont,	Dec. 29, 1911
Staniels, Charles E.	Concord,	Nov. 13, 1911
Steady, Edward A.	Berlin,	Feb. 16, 1912
Stearns, John K.	Wilmot,	Dec. 14, 1911
Steele, Charles M.	Epsom,	Feb. 29, 1912
Stevens, Charles E.	Rollinsford,	Feb. 16, 1912
Stevens, George M.	Lancaster,	Sept. 29, 1911
Stevens, George W.	Concord,	July 29, 1912
Stevens, Willis R.	Farmington,	April 30, 1912
Stewart, Brooks D.	Dover,	March 13, 1912
Stockwell, George M.	Newport,	March 29, 1912
Stockwell, George S.	Lancaster,	Jan. 16, 1912
Story, William H.	Hillsborough,	Feb. 29, 1912
Sullivan, Michael F.	Manchester,	July 29, 1912
Sullivan, Thomas L.	Dover,	Dec. 29, 1911
Sumner, George W.	Concord,	Aug. 17, 1912
Swenson, Arthur I.	Manchester,	Dec. 29, 1911
Taft, Edward H.	Milford,	Jan. 16, 1912
Taft, Herbert J.	Greenville,	Nov. 13, 1911
Taggart, James G.	Manchester,	Aug. 17, 1912
Tandy, Asbury F.	Concord,	Feb. 16, 1912
Tarlton, Charles C.	Newcastle,	Aug. 17, 1912
Taylor, G. Walter	Manchester,	Sept. 29, 1911
Temple, Edalbert J.	Hinsdale,	July 29, 1912
Tenney, George A.	Claremont,	Feb. 16, 1912
Thayer, Ira W.	Haverhill,	June 28, 1912
Thomas, Edwin H.	Farmington,	Aug. 17, 1912
Thompson, Alexander F.	Swanzy,	Feb. 16, 1912
Thompson, Harold B.	Somersworth,	April 16, 1912
Tilton, Frank P.	Laconia,	May 15, 1912
Tolles, James U.	Nashua,	June 14, 1912
Towle, Frank O.	South Hampton,	Feb. 16, 1912
Towne, Clarence E.	Rindge,	Nov. 27, 1911
Trickey, Nelson I.	Jackson,	Sept. 29, 1911
Trickey, William H.	Tilton,	May 29, 1912
Tripp, Walter H.	Epsom,	Sept. 1, 1911
Tucker, Edrick S.	Lebanon,	May 15, 1912

Name.	Residence.	Date of Appointment.
Tucker, Harry M.	Portsmouth,	June 14, 1912
Turner, George H.	Bethlehem,	May 15, 1912
Tuttle, Joseph H.	Barrington,	Dec. 29, 1911
Van, William B.	Sunapee,	Dec. 14, 1911
Van Annan, George L.	Sandown,	June 14, 1912
Varick, Remsen	Manchester,	June 28, 1912
Vermille, George A.	Manchester,	Sept. 8, 1911
Walbridge, Herbert E.	Enfield,	Feb. 29, 1912
Waldron, Jeremy R.	Farmington,	July 29, 1912
Wallace, William D.	Concord,	Feb. 16, 1912
Wardwell, Clarence A.	Keene,	Feb. 29, 1912
Wardwell, Herbert O.	Keene,	Dec. 29, 1911
Warren, George H.	Manchester,	Feb. 16, 1912
Washburn, Jackson M.	Portsmouth,	April 16, 1912
Weatherbee, J. Charles	Dunbarton,	Feb. 16, 1912
Webster, George S.	Chester,	April 16, 1912
Webster, Herbert L.	Canaan,	March 13, 1912
Webster, John E.	Derry,	Feb. 16, 1912
Weeks, Frank H.	Manchester,	July 29, 1912
Weeks, Fred P.	Plymouth,	April 16, 1912
Wells, Christopher H.	Somersworth,	Feb. 16, 1912
Wells, Ned E.	Enfield,	May 15, 1912
Wentworth, Bert	Dover,	Sept. 29, 1911
Wentworth, Frank P.	Rochester,	Sept. 29, 1911
Wentworth, Ralph S.	Rollinsford,	Sept. 8, 1911
West, Henry F.	Portsmouth,	Dec. 14, 1911
Westgate, Daniel C.	Plainfield,	Feb. 16, 1912
Weston, Jesse S.	Nashua,	Feb. 16, 1912
Wetherbee, Herbert E.	Rindge,	Feb. 16, 1912
Wheeler, Fred N.	Berlin,	Nov. 13, 1911
Wheeler, William W.	Nashua,	Nov. 13, 1911
Whidden, William M.	Ellsworth,	March 29, 1912
White, Eldorus B.	Somersworth,	April 16, 1912
White, Wilbur H.	Deerfield,	Jan. 16, 1912
White, William O.	Laconia,	April 30, 1912
Whitehead, James F.	Dover,	Feb. 29, 1912
Wilder, Fred A.	Gilsum,	Aug. 17, 1912
Wilkins, Harry A.	Milford,	Nov. 27, 1911
Willey, William H., Jr.	Wakefield,	Feb. 29, 1912
Williams, George M.	Warren,	Aug. 17, 1912
Wilson, Julius E.	Laconia,	March 13, 1912
Wilson, Will F. D.	Keene,	Dec. 14, 1911

Name.	Residence.	Date of Appointment.
Wingate, Daniel	Somersworth,	March 13, 1912
Winn, John H.	Nashua,	Jan. 16, 1912
Woodbury, Chester T.	Salem,	Dec. 29, 1911
Woodbury, Clarence A.	Nashua,	Sept. 1, 1911
Woodbury, Kenneth M.	Pembroke,	Sept. 29, 1911
Woodward, Jason H.	Berlin,	May 15, 1912
Wright, Arthur L.	Keene,	Feb. 16, 1912
Wright, J. Elwin	Rumney,	Dec. 29, 1911
Wyatt, Walter C.	Tilton,	Nov. 13, 1911
Yarwood, John G.	Portsmouth,	May 15, 1912
Yeaton, Henry D.	Alton,	April 30, 1912
Young, John H.	Middleton,	Feb. 29, 1912



## Notaries Public.

(Appointed During Year Ending August 31, 1912.)

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Name.	Residence.	Date of Appointment.
Abbott, Lee C.	Manchester,	Oct. 30, 1911
Adams, Charles W.	Franklin,	Feb. 16, 1912
Africa, Walter G.	Manchester,	Dec. 29, 1911
Alexander, Albert O.	Tilton,	Dec. 14, 1911
Andrews, John H.	Manchester,	Oct. 30, 1911
Ball, George O.	Claremont,	Oct. 16, 1911
Bartlett, George H.	Sunapee,	May 15, 1912
Bartlett, John F.	Sandown,	Dec. 29, 1911
Bartlett, John T.	Raymond,	Sept. 8, 1911
Bates, John K.	Portsmouth,	May 29, 1912
Bean, Willie F.	Manchester,	March 13, 1912
Beede, George F.	Fremont,	May 15, 1912
Bemis, Charles L.	Marlborough,	June 14, 1912
Bennett, Andrew J.	Manchester,	Feb. 29, 1912
Beverstock, Carl G.	Keene,	Feb. 16, 1912
Bingham, Harry	Littleton,	May 15, 1912
Birsner, Eugene F. W.	Manchester,	June 14, 1912
Bisson, Alexis F.	Manchester,	Dec. 29, 1911
Blackburn, Frank E.	Dover,	April 16, 1912
Blair, Frank L.	Manchester,	Nov. 27, 1911
Bond, Bernard Q.	Rochester,	March 13, 1912
Boody, Forrest	Meredith,	Oct. 16, 1911
Bowker, Edgar M.	Whitefield,	May 15, 1912
Boyer, Edmund S.	Somersworth,	May 15, 1912
Bragg, Lewis C.	Errol,	Aug. 17, 1912
Brewster, Charles W.	Portsmouth,	Jan. 16, 1912
Brophy, John	Manchester,	May 15, 1912
Brown, Harold W.	Dover,	Sept. 1, 1911
Brown, J. Arthur	Rye,	Feb. 16, 1912
Brunel, Harry C.	Concord,	Dec. 29, 1911
Brush, Gerome	Dublin,	June 14, 1912
Buck, Charles S.	Rochester,	March 13, 1912
Burbank, Stephen A.	Jefferson,	Feb. 16, 1912
Burke, John H.	Madison,	Feb. 16, 1912
Burnap, James T.	Winchester,	April 16, 1912
Burpee, Clarence H.	Manchester,	April 16, 1912

Name.	Residence.	Date of Appointment.
Burt, Walter E.	Brentwood,	Sept. 29, 1911
Buswell, H. Herbert	Walpole,	Feb. 16, 1912
Butler, Frank D.	Portsmouth,	July 29, 1912
Buxton, Fred C.	Salem,	Feb. 16, 1912
Byington, Charles E.	Exeter,	Dec. 29, 1911
Calderwood, Walter A.	Nashua,	July 29, 1912
Carlton, Reuben W.	Goffstown,	Aug. 30, 1912
Carr, Clarence E.	Andover,	May 15, 1912
Carr, James T.	Colebrook,	Sept. 1, 1911
Cavis, Harry M.	Concord,	July 29, 1912
Chase, Charles P.	Hanover,	May 15, 1912
Cheever, Harold D.	Wilton,	Aug. 30, 1912
Chellis, Harold W.	Plainfield,	Dec. 14, 1911
Gilley, Harry B.	Manchester,	May 15, 1912
Clark, Henry H.	Franconia,	Sept. 8, 1911
Clarke, Arthur E.	Manchester,	Feb. 16, 1912
Clement, Fred P.	Concord,	June 28, 1912
Clough, Joseph P.	Nashua,	July 29, 1912
Cobb, Franklin P.	Haverhill,	Oct. 30, 1911
Cochran, John E.	Windham,	Jan. 16, 1912
Colbath, George H.	Pittsfield,	Dec. 29, 1911
Colby, Ira G.	Claremont,	June 28, 1912
Cole, Stephen B.	Laconia,	Feb. 16, 1912
Collins, Clinton	Marlborough,	Nov. 13, 1911
Conlon, William L.	Portsmouth,	Feb. 29, 1912
Connell, George R.	Concord,	Sept. 29, 1911
Cooper, Charles E.	Lebanon,	July 29, 1912
Corey, Guy E.	Portsmouth,	May 29, 1912
Corning, Frank H.	Manchester,	Feb. 16, 1912
Costakis, James	Manchester,	April 30, 1912
Craig, George C.	Rumney,	Dec. 14, 1911
Cram, Natt A.	Pittsfield,	Feb. 16, 1912
Crombie, Abner B.	Antrim,	Feb. 16, 1912
Crooker, Conrad W.	Fitzwilliam,	May 29, 1912
Cummings, Edward J.	Littleton,	June 14, 1912
Cutter, Henry A.	Nashua,	Sept. 8, 1911
Dada, Morgan S.	Portsmouth,	Dec. 29, 1911
Danforth, George E.	Nashua,	Oct. 30, 1911
Daniell, Frank H.	Franklin,	April 16, 1912
Davis, Harry F.	Franklin,	Oct. 30, 1911
Dearborn, Kenson E.	Bristol,	July 29, 1912
Dinsmoor, Arthur W.	Laconia,	Dec. 29, 1911

Name.	Residence.	Date of Appointment.
Doane, Nathaniel	Manchester,	Dec. 14, 1911
Doe, Robert	Rollinsford,	Oct. 16, 1911
Downing, Charles H.	Alton,	June 14, 1912
Doyle, Jeremiah J.	Nashua,	Dec. 14, 1911
Dozois, C. Oscar	Manchester,	March 29, 1912
Duncan, George H.	Jaffrey,	Dec. 14, 1911
Dyer, Napoleon J.	Laconia,	June 14, 1912
Eastman, Edwin G.	Exeter,	Dec. 29, 1911
Eastman, Richard B.	Jefferson,	June 14, 1912
Eaton, Daniel E.	Meredith,	Nov. 13, 1911
Eaton, Frederick A.	Nashua,	Jan. 16, 1912
Emerson, Abraham F.	Manchester,	Feb. 16, 1912
Fairfield, Orren R.	Somersworth,	Feb. 29, 1912
Faulkner, Philip H.	Keene,	June 28, 1912
Faust, Noah O.	Portsmouth,	June 28, 1912
Felker, Samuel F.	Rochester,	Dec. 29, 1911
Fellows, George E.	Raymond,	Dec. 14, 1911
Fernald, Frank F.	Dover,	Dec. 29, 1911
Fernald, Josiah E.	Concord,	Nov. 13, 1911
Finning, Thomas J.	Enfield,	Sept. 8, 1911
Fischer, Herbert B.	Pittsfield,	Feb. 29, 1912
Flint, Walter M.	Lyme,	Dec. 14, 1911
Folsom, William O.	Henniker,	Oct. 30, 1911
Foote, Arthur L.	Dover,	Feb. 29, 1912
Forbush, Alpha B.	Berlin,	May 15, 1912
Forsyth, James P.	Concord,	Oct. 30, 1911
Foster, John H.	Candia,	March 13, 1912
Fowler, Frederick W.	Laconia,	June 28, 1912
Fox, Elbridge W.	Milton,	March 29, 1912
Frost, John B.	Jefferson,	June 28, 1912
Fuller, John A.	Hopkinton,	May 29, 1912
Galloway, Everett J.	Dover,	Feb. 16, 1912
George, James M.	Goffstown,	Sept. 1, 1911
George, John	Barnstead,	Dec. 29, 1911
Gilman, George E.	Tamworth,	Jan. 16, 1912
Gleason, George W.	Dublin,	Sept. 29, 1911
Glessner, John G. M.	Bethlehem,	May 29, 1912
Graves, Arthur B.	Nashua,	March 29, 1912
Green, Harry R.	Nelson,	Feb. 16, 1912
Guilbault, Mederic	Manchester,	May 29, 1912
Guptill, Roger S.	Kingston,	Oct. 30, 1911
Haines, Alanson C.	Newmarket,	Feb. 16, 1912

Name.	Residence.	Date of Appointment.
Hale, John D.	Webster,	Sept. 29, 1911
Hale, Napoleon B.	Franklin,	July 29, 1912
Hall, Charles N.	Concord,	July 29, 1912
Hardy, Willis F.	Ashland,	Feb. 16, 1912
Harpin, Alexis E.	Nashua,	Sept. 8, 1911
Harris, George E.	Nashua,	Feb. 16, 1912
Harris, Willard R.	Orford,	June 28, 1912
Hartford, Fernando W.	Portsmouth,	Nov. 13, 1911
Hatch, Albert R.	Portsmouth,	Oct. 16, 1911
Hatch, Fred G.	Haverhill,	Sept. 1, 1911
Hayward, Libbeus E.	Laconia,	Sept. 1, 1911
Herbert, Henry W.	Rumney,	July 29, 1912
Herbert, William C.	Laconia,	Jan. 16, 1912
Hibbard, Clarence E.	Lebanon,	March 29, 1912
Hills, Joseph S.	Plaistow,	March 29, 1912
Hobbs, Alfred K.	Manchester,	May 15, 1912
Hobbs, J. Harold	North Hampton,	Dec. 29, 1911
Hobbs, John W. F.	North Hampton,	Aug. 30, 1912
Hobbs, Joseph O.	North Hampton,	Feb. 16, 1912
Hoitt, Charles W.	Nashua,	Dec. 29, 1911
Holbrook, Harold A.	Manchester,	March 29, 1912
Holman, Samuel W.	Hillsborough,	Oct. 30, 1911
Holman, William M.	Manchester,	Feb. 16, 1912
Holmes, Ernest	Portsmouth,	Oct. 16, 1911
Holmes, Moody D.	Concord,	Jan. 16, 1912
Hosford, Frank H.	Lebanon,	Dec. 29, 1911
Howard, Alfred F.	Portsmouth,	July 29, 1912
Howard, Timothy J.	Manchester,	Nov. 13, 1911
Hoyt, Malcolm E.	Manchester,	Feb. 29, 1912
Hunt, Frederick T.	Lebanon,	Sept. 1, 1911
Hurd, Leon D.	Manchester,	Feb. 29, 1912
Hurlin, Henry A.	Antrim,	March 13, 1912
Huston, William E.	Carroll,	May 29, 1912
Hutchins, John C.	Stratford,	Sept. 29, 1911
Jackson, George F.	Nashua,	March 29, 1912
Jaquith, John A.	Manchester,	Feb. 16, 1912
Jenkins, Ralph C.	New Durham,	Jan. 16, 1912
Jones, Elgin A.	Marlow,	Nov. 13, 1911
Jones, Elmer E.	Enfield,	Aug. 17, 1912
Joyce, James H.	Somersworth,	Aug. 17, 1912
Kerrigan, George E.	Concord,	July 29, 1912
Kidder, Daniel	Rumney,	Feb. 16, 1912

Name.	Residence.	Date of Appointment.
Kimball, William A.	Plymouth,	Dec. 29, 1911
Kingsbury, William J.	Derry,	Dec. 29, 1911
Kittredge, Edward L.	Milford,	Sept. 29, 1911
Kittredge, Walter E.	Merrimack,	May 29, 1912
Lake, Harry F.	Concord,	March 13, 1912
Lamson, Charles A.	New London,	Dec. 29, 1911
Lane, Burt A.	Lancaster,	June 14, 1912
Lane, Edward A.	Pittsfield,	March 13, 1912
Larg, Walter M.	Manchester,	Aug. 17, 1912
Langley, Rufus H.	Tilton,	Oct. 30, 1911
Langston, Edwin H.	Nashua,	Aug. 17, 1912
Leavitt, John W.	Portsmouth,	June 14, 1912
Ledoux, Henri T.	Nashua,	Sept. 8, 1911
Leighton, Edgar A.	Somersworth,	June 28, 1912
Leighton, Fred	Concord,	Oct. 16, 1911
Lewis, Harry A.	Bethlehem,	Dec. 29, 1911
Leyonborg, Adolph W.	Newport,	Jan. 16, 1912
Litchfield, Louis G.	Keene,	Aug. 17, 1912
Lizio, Frank	Portsmouth,	June 14, 1912
Loveren, Bert F.	Concord,	Sept. 1, 1911
Madden, Charles A.	Keene,	March 13, 1912
Mallalieu, Joseph A.	Milford,	Dec. 29, 1911
Manchester, George T.	Manchester,	Sept. 1, 1911
Mansfield, Edwin C.	Meredith,	April 30, 1912
Marsh, Forrest L.	Milton,	July 29, 1912
Martin, Edgar L.	Manchester,	Aug. 17, 1912
Martin, Nathaniel E.	Concord,	Oct. 16, 1911
Mason, Wallace L.	Keene,	May 15, 1912
McGregor, Walter B.	Londonderry,	March 29, 1912
McLane, John R.	Manchester,	Aug. 17, 1912
McMurray, Harry G.	Manchester,	Aug. 17, 1912
Merrill, Robert J.	Claremont,	June 28, 1912
Morey, Charles H.	Hart's Location,	Sept. 29, 1911
Morey, Edwin	Nashua,	Dec. 14, 1911
Morrill, Frank P.	New Hampton,	April 16, 1912
Morris, James H.	Concord,	Feb. 16, 1912
Morrison, Mortier L.	Peterborough,	July 29, 1912
Mousley, Bayard T.	Alstead,	April 16, 1912
Newman, George E.	Keene,	March 29, 1912
Newton, Sherman T.	Portsmouth,	May 15, 1912
Nickerson, Alonzo	Tamworth,	July 29, 1912
O'Neill, John	Manchester,	Oct. 30, 1911

Name.	Residence.	Date of Appointment.
Osgood, Clinton S.	Manchester,	Sept. 29, 1911
Page, Fred F.	Keene,	Dec. 29, 1911
Page, Harry A.	Keene,	Feb. 29, 1912
Palmer, John W. S.	Effingham,	Oct. 16, 1911
Pattee, John C.	Stratford,	Feb. 29, 1912
Patten, Willis C.	Manchester,	March 13, 1912
Paul, Eugene P.	Newport,	Sept. 29, 1911
Payne, Wilbur M.	Lisbon,	March 13, 1912
Pease, Bertis A.	Nashua,	March 29, 1912
Peaslee, Walter S.	Laconia,	May 29, 1912
Perkins, Moses A.	Epping,	Dec. 29, 1911
Perry, Daniel W.	Nashua,	May 15, 1912
Philbrick, Adin H.	Plymouth,	Feb. 29, 1912
Pierce, William S.	Dover,	April 30, 1912
Piper, Carroll D.	Wolfeboro,	July 29, 1912
Piper, Ernest K.	Laconia,	Sept. 8, 1911
Platt, Charles D.	Stratford,	May 15, 1912
Poole, Charles E.	Conway,	Jan. 16, 1912
Prescott, John W.	Kingston,	Oct. 16, 1911
Putnam, Herbert W. P.	Claremont,	March 13, 1912
Rainie, Herbert W.	Concord,	Feb. 29, 1912
Ramsdell, Harry W.	Nashua,	June 28, 1912
Record, Lewis S.	Newport,	May 29, 1912
Reed, Albro P.	Manchester,	Aug. 30, 1912
Remick, Daniel C.	Littleton,	May 15, 1912
Richardson, Henry S.	Claremont,	Nov. 13, 1911
Richardson, Myron H.	Littleton,	Oct. 30, 1911
Ricker, Frederick S.	Somersworth,	Aug. 17, 1912
Ridge, John	Nashua,	April 16, 1912
Roberts, William H.	Dover,	Oct. 30, 1911
Robinson, Delmore	Berlin,	Jan. 16, 1912
Rodelsperger, Herman	Manchester,	March 13, 1912
Rogers, Charles C.	Tilton,	May 29, 1912
Rogers, Ernest C.	Rochester,	May 29, 1912
Rolfe, John H.	Concord,	Oct. 30, 1911
Ross, Joseph O.	Epping,	Sept. 8, 1911
Rowell, Hiram L.	East Kingston,	Nov. 13, 1911
Russell, Harry B.	Littleton,	March 29, 1912
Russell, Robert T.	Sandwich,	Aug. 30, 1912
St. Clair, Charles G.	Laconia,	March 13, 1912
Sanborn, Alphonso H.	Manchester,	March 13, 1912
Sanborn, Edson W.	Chester,	Aug. 30, 1912



Name.	Residence.	Date of Appointment.
Scott, Fred A.	Nelson,	Dec. 29, 1911
Scott, Robert	Exeter,	Sept. 8, 1911
Shackford, J. Fred	Conway,	March 29, 1912
Shaw, E. Ray	Nashua,	Jan. 16, 1912
Shaw, Weare N.	Kensington,	Oct. 16, 1911
Shedd, Charles Gale	Keene,	Dec. 29, 1911
Shurtleff, Merrill	Lancaster,	Dec. 29, 1911
Simes, Thomas H.	Portsmouth,	May 15, 1912
Slayton, Hovey E.	Manchester,	March 13, 1912
Sleeper, William E.	Concord,	June 28, 1912
Sleeper, William H.	Exeter,	March 13, 1912
Small, Frederic E.	Rochester,	Feb. 16, 1912
Smith, Charles E.	Tilton,	March 29, 1912
Smith, Edward M.	North Hampton,	March 13, 1912
Smith, George W.	Littleton,	Sept. 8, 1911
Smith, Harry J.	Manchester,	June 14, 1912
Smith, Herbert E.	Haverhill,	Oct. 30, 1911
Smith, Leonard G.	Manchester,	Feb. 16, 1912
Smythe, Arthur L.	Franklin,	Oct. 30, 1911
Smythe, Rodney E.	Plymouth,	May 15, 1912
Spalding, George F.	Merrimack,	May 15, 1912
Spofford, Charles B.	Claremont,	Dec. 29, 1911
Spring, John R.	Nashua,	April 16, 1912
Stark, John F.	Nashua,	June 28, 1912
Stevens, Henry B.	Rumney,	July 29, 1912
Stevens, William L.	Concord,	Dec. 29, 1911
Stone, Melvin T.	Troy,	Nov. 13, 1911
Sullivan, Edmund	Berlin,	May 15, 1912
Sullivan, Maurice J.	Littleton,	May 29, 1912
Sullivan, Michael F.	Manchester,	July 29, 1912
Sullivan, Patrick H.	Manchester,	July 29, 1912
Sulloway, Frank J.	Franklin,	Sept. 8, 1911
Sumner, Otis F.	Goffstown,	Sept. 1, 1911
Sweeney, James B.	Keene,	April 16, 1912
Taylor, Mark H.	Berlin,	Oct. 30, 1911
Temple, Edalbert J.	Hinsdale,	July 29, 1912
Templeton, Ernest G.	Exeter,	Oct. 30, 1911
Tenney, George A.	Claremont,	Feb. 16, 1912
Thayer, Ira W.	Haverhill,	Aug. 17, 1912
Thompson, Cassius M.	Manchester,	Dec. 29, 1911
Thompson, William F.	Conway,	May 15, 1912
Thrasher, Ned	Rindge,	Sept. 1, 1911

Name.	Residence.	Date of Appointment.
Tolles, Jason E.	Nashua,	May 15, 1912
Townsend, John G.	Jaffrey,	March 13, 1912
Trafton, Charles E.	Portsmouth,	March 13, 1912
Tripp, Walter H.	Epsom,	May 29, 1912
Tucker, James W.	Concord,	Dec. 29, 1911
Twitchell, Orvis A.	Milan,	April 30, 1912
Varick, Remsen	Manchester,	June 28, 1912
Varney, Charles W.	Rochester,	Oct. 30, 1911
Vaughn, Frank T.	Keene,	June 28, 1912
Wagner, George A.	Manchester,	Nov. 13, 1911
Waldron, Jeremy R.	Farmington,	July 29, 1912
Wallace, George B.	Portsmouth,	Sept. 1, 1911
Washburn, Jackson M.	Portsmouth,	April 16, 1912
Welster, Charles H.	Nashua,	April 30, 1912
Webster, John F.	Concord,	May 15, 1912
Wellington, Leonard	Keene,	June 28, 1912
Wentworth, Bert	Dover,	Sept. 29, 1911
Wentworth, John Q. A.	Rollinsford,	April 16, 1912
Wentworth, Ralph S.	Rollinsford,	July 29, 1912
Westgate, Tyler	Haverhill,	June 28, 1912
Weston, James H.	Derry,	Nov. 13, 1911
Wheeler, Dodd P.	Concord,	May 15, 1912
Wheeler, Marshall A.	Gorham,	Sept. 1, 1911
Whitaker, Hermon	Mason,	May 15, 1912
White, Harry A.	Raymond,	Dec. 29, 1911
White, William O.	Laconia,	April 30, 1912
Wicker, George Ray	Hanover,	Sept. 1, 1911
Williams, George M.	Warren,	Aug. 17, 1912
Willson, Edward T.	Farmington,	May 15, 1912
Winslow, Josiah H.	Whitefield,	March 29, 1912
Woodbury, Chester T.	Salem,	Sept. 29, 1911
Woodbury, Kenneth M.	Pembroke,	Sept. 29, 1911
Wright, Robert M.	Sanbornton,	July 29, 1912
Wright, William	Rochester,	Oct. 16, 1911
Youngman, James A.	Laconia,	Nov. 13, 1911

## State Beneficiaries.

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(Appointed by the Governor and Council upon recommendation of the State Board of Charities and Correction.)

New England Industrial School—Lambert, Georgiana J., Epping.

Clarke School for the Deaf—Charron, Gladys, Manchester; Dow, Bernice M., Manchester; Fine, Anna, Manchester; Lane, Francis, Manchester; Lapan, Richard, Nashua; Mayo, Michael, Manchester; Nelson, William B., Portsmouth; Richmond, Samuel, Manchester.

Perkins Institution and Massachusetts School for the Blind—Ackley, Addie M., Portsmouth; Cobb, Malcolm, Claremont; Connelly, Elsie, Holderness; Dodge, George L., Bennington; Dufresne, Irene, Concord; Duke, Marion W., Colebrook; Edwards, Ralph, Nashua; Elder, Gladys M., Manchester; Elliott, Ethel, Berlin; Fetherstone, Mae E., Milford; Hamilton, Oren V., Claremont; Ing's, John S., Portsmouth; Kimball, Blanche E., East Kingston; Minutti, Desaleina, Concord; Morrill, Warren A., South Hampton; Porter, Charles, Bartlett; Rosseau, Lillian, Nashua; Sibley, Marian G., Bristol; Smith, Elena, Conway; Walker, Isabelle, Exeter; Ward, Freddie, Sullivan.

Maine School for the Deaf—Anderson, Eva, Manchester; Boisvert, Julia, Manchester; Burke, Catherine, Manchester; Burke, Nellie, Manchester; Call, Harry, Warner; Champagne, Eva D., Apthorp; Clark, Robert, Manchester; Crateau, Ernest, Sanbornville; Cunningham, Florence, Manchester; Duggan, Lawrence, Berlin; Duzeis, Arsene, Manchester; Flynn, Ethel, Bedford; Fritz, Charles H., Portsmouth; Gates, Ruth M., Lisbon; Gleason, Earl, Bethlehem; Harris, Milton J., Charlestown; Healey, Nora, Manchester; Huot, Sylvia, Manchester; Jackson, Eugenie, Nashua; Lesperance, Alice, Manchester; Matson, William, Marlborough; Mettson, Sophia, Portsmouth; Mullen, Pierpont, Manchester; Nichols, Gladys M., Wolfboro; O'Connor, Julia A., Manchester; Pinette, Mary V., Milford; Robitaille, Jean, Epping; Rogers, Victor, Laconia; St. Hilaire, Joseph, Manchester; Savage, Bertha, Manchester; Szopa, Ladislav, Manchester; Welcome, Mary A., Nashua.

## Paroles from State Prison.

(Authorized by the Governor and Council during the year ending August 31, 1912.)

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Thomas Nolan, alias Harry L. Carter, September 19, 1911; John A. Patten, November 20, 1911; Fred Battis, November 27, 1911; Joseph Kecanovitch, November 27, 1911; Wilfred Tucker, alias Wilfred Patnaude, December 28, 1911; George H. Kimball, January 1, 1912; Arthur Chicaderis, January 12, 1912; Frank A. George, January 31, 1912; Christopher E. Coleman, alias Patrick E. Coleman, January 31, 1912; Charles Riley, March 5, 1912; George Smith, March 5, 1912; Charles R. Hoit, March 26, 1912; William S. Heath, March 30, 1912; Frank Mack, April 11, 1912; William Morin, April 15, 1912; George Rayno, April 20, 1912; Edmund Cody, April 24, 1912; Henry Trudeau, May 10, 1912; Elmer Johnson, May 19, 1912; Joseph E. Paradis, May 21, 1912; William Grant, alias Charles McKeay, June 2, 1912; Joseph Kuyaski, alias Joe Pete, June 2, 1912; William Wholley, June 2, 1912; Leon J. Kelley, July 11, 1912.

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## Pardons.

(Granted by the Governor and Council during the year ending August 31, 1912.)

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Ernest Rouleau, from State Prison, December 29, 1911.  
Willie Parrott, from Cheshire County Jail, January 16, 1912.  
George Streeter, from State Prison, June 28, 1912.  
Frank E. Colby, from Merrimaek County Jail, July 29, 1912.

## Peddlers' Licenses.

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### STATE LICENSES.

(Term, one year. Fee to state, \$52.)

Date of Issue.	Licensee and Residence.
Sept. 1, 1911.	Harry J. Papas, Claremont.
Sept. 1, 1911.	John A. Mastrantones, Concord.
Sept. 6, 1911.	Lord, Stone & Co., Otter River, Mass.
Sept. 18, 1911.	John Bonicelli, Concord.
Sept. 19, 1911.	Joseph Toli, Manchester.
Oct. 12, 1911.	Peter Shaia, Manchester.
Oct. 18, 1911.	Tannous Saipalka, Manchester.
Oct. 23, 1911.	Jacob Cohn, Concord.
Oct. 24, 1911.	Jacob Rosenbluth, Manchester.
Oct. 24, 1911.	Joe Houser, Manchester.
Oct. 27, 1911.	Nicholas Shackra, Manchester.
Nov. 3, 1911.	Snow Sayfie, Manchester.
Nov. 7, 1911.	Nathan Saranovitch, Concord.
Jan. 2, 1912.	Clinton D. Craig, Warner.
Jan. 18, 1912.	Flies Anton, Manchester.
Jan. 23, 1912.	Alexander Bokrah, Lawrence, Mass..
Jan. 29, 1912.	Peter Palevas, Milford.
Jan. 29, 1912.	John Gurdekas, Milford.
Jan. 30, 1912.	Nathan Silverman, Manchester.
Feb. 28, 1912.	Samuel Smith, Peterborough.
March 5, 1912.	Alec John, Manchester.
March 12, 1912.	Elias J. Alexander, Dover.
March 12, 1912.	Nawn John, Manchester.
March 15, 1912.	Jim Spiro, Manchester.
March 16, 1912.	Israel Wolfman, Manchester.
March 20, 1912.	Joseph Ganenda, Manchester.
April 11, 1912.	Pasquale Di Luzio, Keene.
April 13, 1912.	Joseph Shepard, Penacook.
April 22, 1912.	Assad Kalil, Manchester.
April 23, 1912.	Ayoub Joseph, Manchester.
April 29, 1912.	Samuel Fish, Malden, Mass.
April 29, 1912.	Hyman Weinberg, Boston, Mass.
April 29, 1912.	Albert Kalil, Manchester.
April 29, 1912.	Nemtallor Arab, Dover.

Date of Issue.	Licensee and Residence.
May 6, 1912.	Fannie E. Comiskey, Claremont.
May 9, 1912.	H. Lambrukos, Concord.
May 9, 1912.	Harold M. Randall, Nashua.
May 14, 1912.	George O. Smith, Haverhill, Mass.
May 14, 1912.	Bishara Kalil, Manchester
May 14, 1912.	John Salamon, Manchester
May 16, 1912.	George Kallechy, Concord.
May 18, 1912.	Antoneos J. Katseadriames, Nashua.
May 23, 1912.	Charles W. Moody, Lawrence, Mass.
June 3, 1912.	Bill Telious, Manchester.
June 3, 1912.	T. Lambroukos, Concord.
June 6, 1912.	Max Barg, Franklin.
June 24, 1912.	George Thompson, Manchester.
June 26, 1912.	John Elias, Manchester.
July 8, 1912.	M. N. Bensakat, Boston.
July 10, 1912.	Ben Bardenstin, Keene.
July 11, 1912.	Nicholas Tons, Manchester.
July 13, 1912.	John Spiro, Manchester.
July 13, 1912.	Petire Speran, Manchester.
July 13, 1912.	Philip Naum, Manchester.
July 13, 1912.	A. George, Manchester.
July 13, 1912.	Meehale Sateros, Manchester.
July 15, 1912.	John Demeter, Manchester.
July 15, 1912.	M. Mascota, Manchester.
July 23, 1912.	Rafael Gordon, Manchester.
July 25, 1912.	Solomon Kaplan, Manchester.
July 26, 1912.	Sam Lictanshtain, Pembroke.
July 27, 1912.	George Adams, Manchester.
Aug. 5, 1912.	Wolfe Saltsman, Wolfeboro.
Aug. 27, 1912.	Philip G. Hazelton, Chester.
Aug. 31, 1912.	Joseph Barth, Manchester.

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#### VETERAN SOLDIERS' LICENSES.

(Term, one year. No fee.)

Date of Issue.	Licensee and Residence.
Sept. 16, 1911.	James P. Darling, Newport.
Oct. 6, 1911.	Charles White, Nashua.
Nov. 24, 1911.	Niram Munn, Stratford.
Dec. 11, 1911.	Frank B. Cowen, Concord.



Date of Issue.	Licensee and Residence.
Dec. 12, 1911.	Joseph Rever, Manchester.
Dec. 14, 1911.	John C. Carkin, Lyndeborough.
Dec. 27, 1911.	James E. Barnard, Dunbarton.
Jan. 4, 1912.	Andrew J. Pierce, Claremont.
Jan. 18, 1912.	Calvin Merrill, Concord.
Feb. 3, 1912.	Jacob Ostreicher, Malden, Mass.
Feb. 20, 1912.	Henry N. Dyke, Concord.
Feb. 23, 1912.	Charles E. Matthews, Bangor, Maine.
Feb. 26, 1912.	Micah C. Hogan, Lebanon.
Feb. 26, 1912.	Harrison Woodward, Lebanon.
March 1, 1912.	David Morrison, Raymond.
March 13, 1912.	John S. Chase, Laconia.
March 20, 1912.	Edward T. Caswell, Warren.
April 4, 1912.	Daniel L. Thompson, Tilton.
April 9, 1912.	Perley P. Prescott, Alton.
April 10, 1912.	Amelia M. Smith, Pittsburg.
April 13, 1912.	William Chagnon, Manchester.
April 13, 1912.	Francis R. Johnson, Portsmouth.
April 29, 1912.	Henry Robinson, Roxbury, Mass.
April 29, 1912.	Patrick Heffern, Laconia.
May 2, 1912.	Albert F. Baxter, Nashua.
May 7, 1912.	Matthew Sallinger, Cambridge, Mass.
May 10, 1912.	B. F. Brown, Northwood.
May 13, 1912.	Robert A. Roberts, Moultonborough.
May 18, 1912.	Jackson P. Ryan, Manchester.
May 22, 1912.	John F. Morrison, Lebanon.
June 1, 1912.	Walter P. Dowling, Newport.
June 18, 1912.	Gilman E. Brown, Sandown.
June 27, 1912.	William H. Hills, Chelmsford, Mass.
June 27, 1912.	Thomas Robinson, Concord.
July 3, 1912.	George L. Lakin, E. Pepperell, Mass.
July 6, 1912.	Francis Roy, Dunbarton.
July 24, 1912.	George H. Ingram, Newfields.
July 30, 1912.	John M. Nichols, Claremont.
Aug. 6, 1912.	John F. Sallinger, Lebanon.
Aug. 10, 1912.	William C. Baneroft, Londonderry.
Aug. 13, 1912.	Albert F. Sullivan, Manchester.
Aug. 21, 1912.	Daniel J. Sweet, Manchester.
Aug. 21, 1912.	Jasper N. Thomas, Boston, Mass.
Aug. 21, 1912.	Fred S. Stone, Boston, Mass.

## TOWN AND CITY LICENSES.

Alexandria (State fee, \$1, Town fee, \$5)—Almon C. Ackerman, January 19, 1912.

Allenstown (State fee, \$1, Town fee, \$8)—Lazar Nicola, July 11, 1912.

Ashland (State fee, \$1, Town fee, \$8)—Salina Elias, February 29, 1912.

Belmont (State fee, \$1, Town fee, \$8)—Max Solomon, September 18, 1911; Angel George, July 27, 1912; Selina Elias, August 1, 1912; Alice George, August 1, 1912.

Berlin (State fee, \$1, City fee, \$18)—Max Wiseman, September 26, 1911; Esidor Llibovitz, November 11, 1911; John Couden, August 21, 1912; Solomon Howelli, August 26, 1912.

Bethlehem (State fee, \$1, Town fee, \$8)—Helen Connors, August 26, 1912.

Bradford (State fee, \$1, Town fee, \$5)—F. J. Constantine, October 30, 1911.

Canaan (State fee, \$1, Town fee, \$8)—B. Sattamino, June 27, 1912.

Carroll (State fee, \$1, Town fee, \$5) Helen Connors, August 26, 1912.

Charlestown (State fee, \$1, Town fee, \$8)—Anibels Belluscio, June 17, 1912.

Chester (State fee, \$1, Town fee, \$5)—Albert E. Haynes, August 12, 1912.

Concord (State fee, \$1, City fee, \$28)—Eli Shuff, October 30, 1911; Morris Shuff, January 22, 1912; James Mastreantony, March 22, 1912; M. Joseph, May 15, 1912; Nelos Vagenos, May 20, 1912.

Dover (State fee, \$1, City fee, \$20)—Bolus Peter, September 25, 1911; Morris Isocoff, November 7, 1911; Nasby Peter, January 26, 1912; Kazo S. Hashem, April 8, 1912.

Dublin (State fee, \$1, Town fee, \$8)—Domiyyick Vanni, March 8, 1912; Alphonse Furloni, March 30, 1912.

Effingham (State fee, \$1, Town fee, \$5)—George C. Leavitt, August 8, 1912.

Enfield (State fee, \$1, Town fee, \$8)—W. A. Wilmot, February 14, 1912; B. Sattimino, February 20, 1912; Joseph S. Pillsbury, July 29, 1912.

Exeter (State fee, \$1, Town fee, \$11)—Joseph Nossiff, May 31, 1912.

Fitzwilliam (State fee, \$1, Town fee, \$5)—S. S. Shady, September 20, 1911; Solomon Joseph, July 9, 1912.

Franconia (State fee, \$1, Town fee, \$5)—Helen Connors, August 26, 1912.

Gorham (State fee, \$1, Town fee, \$10)—Israel Isaacson, April 19, 1912.

Greenville (State fee, \$1, Town fee, \$8)—Louis M. Cohen, March 11, 1912; George Diamond, July 3, 1912; Bill Kuntryrans, July 12, 1912.

Groton (State fee, \$1, Town fee, \$5)—Almon C. Ackerman, August 7, 1912.

Hampton (State fee, \$1, Town fee, \$8)—Louis Papoulias, March 30, 1912.

Hampton Falls (State fee, \$1, Town fee, \$5)—Louis Canepa, November 11, 1911; Louis Papoulias, November 11, 1911.

Harrisville (State fee, \$1, Town fee, \$5)—Alphonse Furloni, March 30, 1912; H. G. Harlan, July 24, 1912.

Hebron (State fee, \$1, Town fee, \$5)—Almon C. Ackerman, January 19, 1912.

Hinsdale (State fee, \$1, Town fee, \$8)—Israel I. Michelman, February 9, 1912; Aaron Aliher, February 13, 1912; A. R. Quint, February 13, 1912.

Jaffrey (State fee, \$1, Town fee, \$8)—Issa Kalil, October 21, 1911; Selman Baz, April 10, 1912; Italo Vanni, April 23, 1912; Louis M. Cohen, May 2, 1912; Harry M. Starkey, May 27, 1912.

Keene (State fee, \$1, City fee, \$17)—A. R. Quint, February 7, 1912; John di Salvio, March 28, 1912; George Bardis, May 16, 1912; Giovanni Dini, May 29, 1912; Bertrand A. Knight, August 13, 1912.

Laconia (State fee, \$1, City fee, \$17)—George Namay, October 31, 1911; N. A. Demorgis, March 27, 1912; Spyros Thomas, April 22, 1912; Eftom Stefon, April 22, 1912; Angel Georges, June 8, 1912; Robert Wein, August 19, 1912.

Lebanon (State fee, \$1, Town fee, \$12)—J. F. Long, November 28, 1911; Peter Kantisinis, March 25, 1912; Charles Laflamme, May 21, 1912; John Bonardi, July 18, 1912.

Marlborough (State fee, \$1, Town fee, \$8)—Alphonse Furloni, March 30, 1912.

Nashua (State fee, \$1, Town fee, \$33)—Samuel Harkaway, July 11, 1912.

New Hampton (State fee, \$1, Town fee, \$5)—Almon C. Ackerman, August 7, 1912.

Newcastle (State fee, \$1, Town fee, \$5)—Joseph Greenberg, June 7, 1912; Louis Lamproukoulos, July 10, 1912.

Newmarket (State fee, \$1, Town fee, \$10)—Morris Port, May 14, 1912; Joseph Nossiff, May 31, 1912.

Northfield (State fee, \$1, Town fee, \$8)—Ray H. Perkins, August 25, 1912.

Pembroke (State fee, \$1, Town fee, \$10)—Lazar Nicola, July 11, 1912.

Portsmouth (State fee, \$1, City fee, \$18)—Joseph A. Yasse, September 13, 1911; Peter Colell, September 15, 1911; Joseph Hassan, September 27, 1911; Max Ollston, October 18, 1911; Samuel Winer, March 20, 1912; Louis Saiffee, March 20, 1912; Mik Martenak, March 21, 1912; John Paris, March 21, 1912; Prime Tea Co., March 26, 1912; Louis Lampropoulis, April 13, 1912; Samuel Holpren, April 13, 1912; Joseph Greenberg, April 24, 1912; Constantanos Georgorels, April 24, 1912; Hrakles Argereau, May 12, 1912; Susan Dowaliky, May 15, 1912; Benjamin Abrahamson, May 20, 1912.

Rye (State fee, \$1, Town fee, \$8)—George Louis, May 28, 1912; John Paras, May 28, 1912.

Seabrook (State fee, \$1, Town fee, \$8)—Abraham Wagman, July 20, 1912; Abraham D. Krakopsky, July 20, 1912.

Springfield (State fee, \$1, Town fee, \$5)—J. S. Pillsbury, August 15, 1912.

Stratford (State fee, \$1, Town fee, \$5)—Fred A. Cross, February 13, 1912.

Sunapee (State fee, \$1, Town fee, \$8)—Peter G. Silwen, August 3, 1912; Herbert L. Bonaccorsi, August 22, 1912.

Sutton (State fee, \$1, Town fee, \$5)—F. J. Constantine, October 10, 1911.

Tamworth (State fee, \$1, Town fee, \$5)—Winslow Staples, May 31, 1912; F. M. Stutzkin, July 25, 1912.

Warner (State fee, \$1, Town fee, \$8)—Joshua A. Sherman, March 13, 1912.

Winchester (State fee, \$1, Town fee, \$10)—Speros Latchis, May 31, 1912.

## Resignations.

(Resignations received by the Governor and Council and accepted during year ending August 31, 1912.)

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Harry E. Boynton, member of committee to examine into workings of system of centralized control of state penal and charitable institutions, August 30, 1912.

Henry E. Burnham, member of commission to promote uniformity of legislation in the United States (Act of 1893), July 17, 1912.

Claudius Byrne, chaplain at State Prison, February 27, 1912.

George W. Currier, M. D., trustee of New Hampshire College of Agriculture and the Mechanic Arts, September 18, 1911.

William H. C. Follansby, member of Exeter police commission, January 20, 1912.

Chester D. Hatch, member of Exeter police commission, January 20, 1912.

Harry C. Hill, state highway engineer, February 7, 1912.

Edward E. Leighton, justice of Claremont police court, January 27, 1912.

Michael J. McBride, representative to the General Court from Ward 3, Manchester, January 25, 1912.

Robert J. Merrill, special justice of the Claremont police court, February 15, 1912.

Frank A. Musgrove, speaker of the House of Representatives, January 26, 1912.

Joab N. Patterson, member of "Hall of Heroes" commission, July 29, 1912.

Oliver H. Toothaker, member of commission to lay out highway to shore of Christine Lake, April 4, 1912.

Horace L. Worcester, member of "Hall of Heroes" commission, October 4, 1911.

# Automobile Registrations

January 1 to August 31, 1912.

†Cancelled.

1. Estate of John McLane, Milford, 43.8 hp. Stevens.
2. Mrs. James J. Tracy, Cleveland, O., 32.4 hp. Marmon.
3. G. Albert Wood, Concord, 30 hp. Buick.
4. Herman F. Straw, Manchester, 54.1 hp. Stevens.
5. Roger G. Sullivan, Manchester, 38 hp. Peerless.
6. Charles M. Floyd, Manchester, 38.4 hp. Packard.
7. Charles M. Floyd, Manchester, 32.4 hp. Cadillac.
8. Charles M. Floyd, Manchester, 48.6 hp. Packard.
9. Louis G. Hoyt, Kingston, 25.6 hp. Overland.
10. George M. Rossman, Keene, 45 hp. Pope-Hartford.
11. Henry W. Parker, Manchester, 43.8 hp. Stevens.
12. G. Fred Drew, Portsmouth, 20 hp. Stanley.
13. Elmer S. Tilton, Laconia, 36.1 hp. Olds.
14. Clark G. Stevens, Colebrook, 20 hp. Reo.
15. Samuel S. Drury, Concord, 14 hp. Hudson.
16. James M. Blake, Concord, 32.4 hp. Locomobile.
17. Wallis D. Walker, Portsmouth, 22.5 hp. Ford.
18. George L. Fogg, Concord, 25.6 hp. Maxwell.
19. Maxfield Parrish, Plainfield, 32.4 hp. Cadillac.
20. George A. Worcester, Milford, 22.5 hp. Ford.
21. Charles E. Cate, Dover, 25.6 hp. E. M. F.
22. J. J. Moreau & Son, Manchester, 20 hp. International.
23. Friend Bros., Lowell, Mass., 2.5 hp. Walker.
24. Thomas H. Roberts, Rochester, 10 hp. Stanley.
25. Eugene M. Drake, Freedom, 22.5 hp. Ford.
26. Elmer J. Smart, Rochester, 32.4 hp. Buick.
27. Benjamin D. Peaslee, Hillsborough, 16 hp. Maxwell.
28. J. W. Johnston, Manchester, 40 hp. Packard.
29. Charles R. Healy, Manchester, 32.4 hp. Cadillac.
30. Harry B. Cilley, Manchester, 40 hp. Peerless.
31. Robert J. Peaslee, Manchester, 36.1 hp. Dayton.
32. Alvin J. Lucier, Nashua, 25.6 hp. Hudson.
33. Concord Electric Co., Concord, 32 hp. Buick.
34. Victor I. Moore, Concord, 25.6 hp. Paterson.
35. Weston Wentworth, Nashua, 6.4 hp. Pierce.
36. David W. Slade, Chesterfield, 10 hp. Cadillac.
37. William A. Barron, Carroll, 32.4 hp. Cadillac.
38. David W. Slade, Chesterfield, 10 hp. Stanley.
39. Stephen S. Jewett, Laconia, 32.4 hp. Buick.
40. George O. Ball, Claremont, 28.9 hp. Overland.
41. Elmer H. Farrar, Concord, 25.6 hp. Maxwell.
42. Sherman Hobbs, Pelham, 19.6 hp. Maxwell.
43. William B. Mack, Hampton, 12.8 hp. Maxwell.
44. Herman F. Straw, Manchester, 54.1 hp. Stevens.
45. Jesse O. Foster, Concord, 40 hp. Packard.
46. Aretas B. Carpenter, Manchester, 40 hp. Peerless.
47. Harrie S. Mitchell and Howard W. Mitchell, Nashua, 25.6 hp. Reo.
48. Russell Jarvis, Claremont, 25.6 hp. Columbia.
49. Manchester Traction, Light & Power Co., Manchester, 22 hp. Ford.
50. Abram W. Mitchell, Epping, 25.6 hp. Reo.
51. A. Melvin Foss, Dover, 28.9 hp. Overland.
52. George B. Leighton, Dublin, 38 hp. Stearns.
53. Earl B. Frost, Concord, 27 hp. Overland.
54. Joseph S. Matthews, Concord, 36 hp. Stevens.
55. F. B. Williams, Dover, 48.6 hp. Pierce.
56. Lucius Hamlin, Bartlett, 22.5 hp. Ford.
57. Albert B. Atwood, Rye, 30 hp. Cadillac.
58. William L. Stevens, Concord, 28.9 hp. Cadillac.



59. Lewis E. Waterman, Keene, 48.6 hp. Pierce.
60. Elbert Wheeler, Nashua, 28.9 hp. Chalmers.
61. Ora A. Mooney, Littleton, 25.6 hp. E. M. F.
62. Fred H. Savory, Warner, 32.4 hp. Jackson.
63. Louis H. Hall, Milford, 24 hp. Stevens.
64. John F. Kimball, South Sutton, 20 hp. Home-made.
65. Frank A. Ball, Claremont, 24.3 hp. Phelps.
66. Arthur G. Gordon, Merrimack, 24 hp. Stoddard-Dayton.
67. Charles S. Emerson, Derry, 28.9 hp. Chalmers.
68. Alfred Booth, Tilton, 22.5 hp. Maxwell.
69. A. J. Champagne, Manchester, 22.5 hp. Ford.
70. Fred B. Powell, Concord, 32.4 hp. Buick.
71. Albert Lipka, Manchester, 20 hp. Overland.
72. Thomas Walker, Jr., Manchester, 28.9 hp. Stoddard-Dayton.
73. James P. Melzer, Milford, 28.9 hp. Maxwell.
74. Edgar A. Noyes, Claremont, 28.9 hp. Mitchell.
75. William M. Parsons, Manchester, 25.6 hp. Overland.
76. J. Frank Seavey, Dover, 32.4 hp. Buick.
77. Dr. Charles B. Abbott, Hillsborough, 16.2 hp. Maxwell.
78. Frank W. Rollins, Concord, 48.6 hp. Pierce-Arrow.
79. Reginald C. Stevenson, Exeter, 32.4 hp. Cadillac.
80. Frank E. Anderson, Nashua, 32.4 hp. Cadillac.
81. George H. Woodbury, Newport, 22.5 hp. Ford.
82. George M. Davis, Manchester, 30 hp. Pope-Hartford.
83. David W. Gero, Laconia, 22.5 hp. Buick.
84. Thomas H. Cabot, Dublin, 25.6 hp. Chalmers.
85. William S. Huntington, Concord, 25.6 hp. Jackson.
86. George H. Hawley, Center Barnstead, 32.4 hp. Cadillac.
87. Harry H. Dudley, Concord, 36.1 hp. Jackson.
88. Robert W. Brown, Concord, 16.9 hp. Hupmobile.
89. Joseph A. Parr, Manchester, 22.5 hp. Ford.
90. Herbert H. Wright, Concord, 30 hp. Pope-Hartford.
91. Dr. N. D. Michon, Manchester, 22.5 hp. Paige.
92. A. W. Griffiths, Durham, 22.5 hp. Overland.
93. H. Eugene Morrison, Piermont, 25.6 hp. Buick.
94. Walter R. Porter, Keene, 40 hp. Peerless.
95. Percival M. Robinson, Portsmouth, 25.6 hp. Hudson.
96. J. S. Whitaker, Portsmouth, 22.5 hp. Buick.
97. Minnie E. Leith, Lancaster, 32.4 hp. Cadillac.
98. Dennis J. Dowd, Manchester, 32.4 hp. Cadillac.
99. W. H. Yates, Bartlett, 8 hp. Stanley.
100. Dillwyn S. Rollins, Newport, 40 hp. Packard.
101. Edmund P. Trowbridge, Derry, 32.4 hp. Buick.
102. Edwin L. Furber, Wolfeboro, 19.6 hp. Ford.
103. Dr. Clarence B. Kenney, Derry, 22.5 hp. Ford.
104. Arland B. Hunt, Jaffrey, 22.5 hp. Maxwell.
105. Samuel C. Williams, Fitzwilliam, 25.6 hp. Regal.
106. John K. Hall, Nashua, 28.9 hp. Maxwell.
107. Ernest E. Stratton, Hinsdale, 32.4 hp. Buick.
108. William P. McQuestion, Merrimack, 20 hp. Stanley.
109. Samuel F. Langdell, New Boston, 25.6 hp. Hudson.
110. Winston Churchill, Cornish, 28.9 hp. Cadillac.
111. Riley & Tuttle, Rochester, 22 hp. Buick.
112. Newton W. Smith, Nashua, 10 hp. Stanley.
113. Dudley L. Furber, Dover, 36 hp. Stevens.
114. John F. Stark, Nashua, 43.8 hp. Stevens.
115. Leonard F. Smitn, Exeter, 25.6 hp. Maxwell.
116. Henry H. Barber, Milford, 25.6 hp. Chalmers.
117. Wallace L. Mason, Keene, 32.4 hp. Cadillac.
118. Randolph Seavey, Hampstead, 22.5 hp. Ford.
119. Henry C. Rolfe, Penacook, 10 hp. Stanley.
120. Frank W. Emerson, Hampstead, 25.6 hp. Cadillac.
121. Charlie C. Burbank, Manchester, 16.2 hp. Maxwell.
122. Charles G. St. Clair, Laconia, 43.8 hp. Stevens.
123. Charles L. Norton, Hudson, 40 hp. Packard.
124. Fred R. Palmer, Rochester, 6 hp. Stanley.
125. Charles B. Hibbard, Laconia, 16.9 hp. Franklin.
126. Daniel K. Catlin, Monadnock, 38.4 hp. Pierce-Arrow.
127. Arthur L. Smythe, Franklin, 29.7 hp. Pope-Hartford.
128. George A. Sawyer, Atkinson, 12.8 hp. International.
129. Samuel R. Upham, Claremont, 32.4 hp. Cadillac.
130. Pacific Mills, Cocheco Dept., Dover, 5 hp. General Vehicle Co.

131. Frank S. Streeter, Concord, 48.6 hp. Locomobile.
132. Louis A. Chatel, Manchester, 30.6 hp. Overland.
133. Horace O. Chase, North Weare, 22.5 hp. Maxwell.
134. Elihu Q. Sanborn, Contoocook, 18 hp. Reo.
135. Joseph St. Germain, Manchester, 40 hp. Johnson.
136. Barton P. Batchelder, Manchester, 24 hp. Stoddard-Dayton.
137. Daniel F. Cronin, Manchester, 28.9 hp. Mitchell.
138. Perin B. Monypeny, Center Harbor, 32.4 hp. Fiat.
139. Daniel Emerson, Hampstead, 28.9 hp. Overland.
140. Will W. Stearns, Hudson, 16.2 hp. Maxwell.
141. Perin B. Monypeny, Center Harbor, 20 hp. Hudson.
142. Dr. A. S. Wallace, Nashua, 25.6 hp. Chalmers.
- 143.† John R. Burnett, Nashua, 16.2 hp. Buick.
144. William J. McDuff, Lakeport, 10 hp. McDuff.
145. The F. D. Cook Lumber Co., Nashua, 32.4 hp. Packard.
146. Cancelled. Plates lost.
147. Frank L. Pryor, Portsmouth, 22.5 hp. Buick.
148. Louis J. A. Doucet, Manchester, 20 hp. Overland.
149. David D. Felton, Manchester, 40 hp. National.
150. George F. Howe, Manchester, 22.5 hp. Buick.
151. Rowland P. Jacobs, Lebanon, 32.4 hp. Buick.
152. Herbert J. Jones, Alton, 38.2 hp. Pierce-Arrow.
153. William F. Holbrook, Keene, 40 hp. Chalmers.
154. Joseph T. Walker, Concord, 19.6 hp. Hudson.
155. Herbert M. Gilman, Tamworth, 25.6 hp. Buick.
156. N. H. Fire Insurance Co., Manchester, 22.5 hp. Hudson.
157. George H. Hammond, Manchester, 22.5 hp. Overland.
158. Edwin F. Jones, Manchester, 22.5 hp. Hudson.
159. Dr. Edward H. Thompson, Hampton, 16.2 hp. Maxwell.
160. Albert Wallace, Rochester, 36 hp. Stevens.
161. Charles E. Dufort, Manchester, 25.6 hp. Overland.
162. John C. McGilvray, Concord, 28.9 hp. Buick.
163. Barney F. Doherty, Bristol, 28.9 hp. E. M. F.
164. Irving H. Chase, Plymouth, 36.1 hp. Stevens.
165. Frederick L. Wallace, Manchester, 22.5 hp. Ford.
166. Frank B. Loverin, Colebrook, 28.9 hp. Cadillac.
167. Charles E. Leach, Portsmouth, 32.4 hp. Maxwell.
168. Amos J. Peaslee, Concord, 10 hp. Brush.
169. Helen McG. Graves, Concord, 28.9 hp. Maxwell.
170. Rufus S. Fenerty, Jr., East Jaffrey, 14.5 hp. Maxwell.
171. Norris A. Dunklee, Concord, 20 hp. Ford.
172. Norris A. Dunklee, Concord, 30 hp. Elmore.
173. Norris A. Dunklee, Concord, 29 hp. Columbia.
174. Norris A. Dunklee, Concord, 20 hp. Ford.
175. Calvin Page, Portsmouth, 32.4 hp. Stoddard-Dayton.
176. Lebanon Automobile Co., Lebanon, 32.4 hp. Buick.
177. Harley A. Robie, Hooksett, 22.5 hp. Metz.
178. Roy & Gadbois, Manchester, 40 hp. Rambler.
179. Mrs. C. A. Busiel, Laconia, 40 hp. Speedwell.
180. E. W. Thompson, Berlin, 28.9 hp. Stoddard-Dayton.
181. Ora A. Atkins, Tuftonboro, 27.2 hp. Dayton.
182. Osias O. Deschamps, Nashua, 28.9 hp. Chalmers.
183. James B. Pickering, Newington, 16.2 hp. Maxwell.
184. Adelaide H. Currier, Canaan, 30 hp. Chalmers.
185. Gertrude B. McCabe, Jefferson Highlands, 43.8 hp. Stevens.
186. Dr. E. R. Wright, Alton, 24 hp. Cameron.
187. C. A. Bailey, Manchester, 28.9 hp. Firestone-Columbus.
188. Richard W. Husband, Hanover, 32.4 hp. Rambler.
189. Joseph Quirin, Manchester, 32.4 hp. Firestone-Columbus.
- 190.† Annis Flour & Grain Co., Manchester, 20 hp. Knox.
191. Annis Flour & Grain Co., Manchester, 20 hp. Knox.
192. Samuel K. Bell, Exeter, 5 hp. Baker.
193. Lloyd W. Townsend, Newcastle, 28.9 hp. Chalmers.
194. Marks Mandelson, Nashua, 25.6 hp. Chalmers.
195. Florence S. Dustin, Cambridge, Mass., 40 hp. Packard.
196. William D. Veazey, Laconia, 40 hp. Packard.
197. Henry A. Lamphire, Lebanon, 32.4 hp. Buick.
- 198.† Frank C. Manchester, Grafton, 32.4 hp. Oldsmobile.
199. H. C. Sturtevant & Son, Concord, 30 hp. Overland.
200. Horace A. Perry, Walpole, 22.5 hp. Ford.
201. John A. Jaquith, Northfield, 28.9 hp. Jackson.
202. Isabel H. Metcalf, Center Sandwich, 22.5 hp. Krit.

203. Samuel Q. Cummings, Concord, 32.4 hp. Cadillac.
204. Walter R. Goodnow, New London, 22.5 hp. Ford.
205. Frank E. Davis, Nashua, 25.6 hp. Chalmers.
206. Boston Fruit Co., Concord, 18 hp. Sampson.
207. Thompson & Hoague Co., Concord, 10 hp. Reo.
208. Frank G. Webster, Holderness, 48 hp. Packard.
209. William P. Beauclerk, Concord, 19.6 hp. Buick.
210. Hollis G. Perkins, Lakeport, 25.6 hp. Overland.
211. Frank P. Quimby, Concord, 36 hp. Stevens.
212. John W. Lovering, Sandown, 25.6 hp. E. M. F.
213. J. Putnam Ware, Manchester, 48.6 hp. Winton.
214. William C. Burbee, Nashua, 24 hp. Franklin.
215. Nashua Card, Gummed & Coated Paper Co., Nashua, 25.6 hp. Reo.
216. Nashua Card, Gummed & Coated Paper Co., Nashua, 10 hp. Reo.
217. Dr. William M. Robb, Keene, 16.9 hp. Hupmobile.
218. Rodney F. Robinson, Concord, 32.4 hp. Cadillac.
219. Fred S. Eastman, Allentown, 25.6 hp. Firestone-Columbus.
220. Joseph N. Abbott, Concord, 28.9 hp. Maxwell.
221. Walter R. Cox, Dover, 60 hp. Pierce Arrow.
222. John H. Bates, East Rochester, 22.5 hp. Ford.
223. James E. Hickey, East Rochester, 19.6 hp. Buick.
224. Hovey E. Slayton, Manchester, 40 hp. Speedwell.
225. M. O. Spaulding, Keene, 28.9 hp. Stoddard-Dayton.
226. Alston F. Barrett, Keene, 36.1 hp. Stoddard-Dayton.
227. Herman M. Smith, Goffstown, 28.9 hp. Mitchell.
228. Howard A. Ross, Exeter, 32.4 hp. Buick.
229. Walter E. Smith, North Weare, 22.5 hp. Ford.
230. William D. Fogg, Hancock, 25.6 hp. Buick.
231. Elmer E. Jones, Enfield, 27.2 hp. Cartcar.
232. Cheshire Beef & Produce Co., Keene, 27.2 hp. Pope-Hartford.
233. George W. Lincoln, Hillsborough, 25.6 hp. Franklin.
234. Edwin L. Batchelder, Hampton, 30 hp. Cadillac.
235. Lilla B. Cross, Nashua, 25.6 hp. Franklin.
236. Edward M. James, Manchester, 32.4 hp. Rambler.
237. Loomis C. Gowen, Keene, 40 hp. Speedwell.
238. Benjamin T. Bartlett, Derry, 46.2 hp. American.
239. John H. Mercer, Concord, 38 hp. Columbia.
240. Hovey E. Slayton, Manchester, 60 hp. Pierce-Arrow.
241. Willard H. Griffin, Manchester, 24 hp. Stoddard.
242. R. P. Stevens Co., Manchester, 22.5 hp. Buick.
243. Charles F. Shillaber, Portsmouth, 25.6 hp. Cadillac.
244. Dwight E. Conant, Contoocook, 36.1 hp. Stevens.
245. Carl A. Butler, East Jaffrey, 25.6 hp. Buick.
246. Harry K. Rogers, Suncook, 14.5 hp. Maxwell.
247. James C. Norris, Concord, 48.6 hp. Stevens.
248. Edward M. Morgan, Warner, 28.9 hp. Premier.
249. Edward S. King, Concord, 32 hp. Rambler.
250. Edward S. King, Concord, 20 hp. Hupmobile.
251. Remsen Varick, Manchester, 38.4 hp. Peerless.
252. John F. Cloutman, Farmington, 54.1 hp. Stevens.
253. Herbert M. Corning, Manchester, 18 hp. Samson.
254. George L. Lincoln, Concord, 32.4 hp. Elmore.
255. Chester E. Morgan, New London, 22.5 hp. Krit.
256. William F. Moore, Concord, 22.5 hp. Buick.
257. Fred I. Thayer, Farmington, 22.5 hp. Ford.
258. Alvah J. Griffin, Pittsfield, 28.9 hp. Buick.
259. Herbert W. Dustin, Pittsfield, 28.9 hp. Buick.
260. George H. Reed, Concord, 22.5 hp. Maxwell.
261. Henry H. Amsden, Concord, 22.5 hp. Buick.
262. George A. Jacobs, East Rochester, 19.6 hp. Overland.
263. Frank E. Kittredge, Nashua, 32.4 hp. Cadillac.
264. Margeson Bros., Portsmouth, 30 hp. Grand Rapids.
265. Alphonse Laberge, Manchester, 28.9 hp. Mitchell.
266. Merton A. Ellis, Manchester, 15 hp. Chase.
267. Windsor H. Goodnow, Keene, 28.9 hp. Maxwell.
268. W. A. Erb, Nashua, 22.5 hp. Hudson.
269. Wendell B. Folsom, Exeter, 32.4 hp. Cadillac.
270. Mason T. Ela, Warner, 32.4 hp. Jackson.
271. Chancey Adams, Concord, 22.5 hp. Mitchell.
272. L. A. Brown & Co., Concord, 30 hp. Stoddard-Dayton.
273. Ira W. Peabody, Lebanon, 32.4 hp. Buick.
274. A. Perley Fitch, Concord, 36.1 hp. Stevens.

275. C. Sidney Boston, Manchester, 28.9 hp. Maxwell.
276. George L. Theobald, Concord, 22.5 hp. Ford.
277. Warren P. Grimes, Hillsborough, 25.6 hp. Packard.
278. Elizabeth M. Stevens, Manchester, 3 hp. Waverly.
279. Frank N. Young, Derry, 32.4 hp. Oakland.
280. George A. Phelps, Concord, 25.6 hp. Hudson.
281. Henry C. Stearns, Haverhill, 27.2 hp. Buick.
282. Dr. Charles S. Valcour, Nashua, 30 hp. Stanley.
283. Stanislas Lavoie, Reed's Ferry, 22 hp. Buick.
284. Henry D. Allison, Dublin, 20 hp. International.
285. Elmer E. Adams, New London, 22.5 hp. Ford.
286. Dr. Bernard G. Moran, Nashua, 28.9 hp. Chalmers.
287. Frank Stone, Hampton Falls, 25.6 hp. Stoddard-Dayton.
288. Charles C. Braithwaite, West Concord, 3.5 hp. Studebaker.
289. Walter E. Kittredge, Merrimack, 28.9 hp. Maxwell.
290. George A. Ashley, Nashua, 12.8 hp. Maxwell.
291. Horace E. Osgood, Nashua, 25.6 hp. Chalmers.
292. Frank O. Tilton, Exeter, 12.8 hp. Maxwell.
293. Fred G. Holbrook, Bedford, 28.9 hp. Parry.
- 294.† Plates lost.
295. Clarence E. Stickney, Keene, 19.6 hp. Buick.
296. Harold B. Emerson, Orford, 27.2 hp. Overland.
297. Thomas R. Edmonds, Surry, 22.5 hp. Ford.
298. Dr. Oswald S. Maynard, Nashua, 22.5 hp. Ford.
299. C. H. Morse, Charlestown, 48.6 hp. Locomobile.
300. Herbert L. Smith, Nashua, 36 hp. Stevens-Duryea.
301. Herbert L. Smith, Nashua, 28.9 hp. Chalmers.
302. George R. Smith, Dover, 22.5 hp. Ford.
303. Isabel H. Metcalf, Center Sandwich, 40 hp. Pierce.
304. Shirley P. Dodge, Manchester, 40 hp. Rambler.
305. Almah C. Leavitt, Concord, 12 hp. Maxwell.
- 306.† George L. King, Manchester, 12.8 hp. Maxwell.
307. Harry F. Smith, Lee, 22.5 hp. Overland.
308. Edward H. Carroll, Warner, 25.6 hp. Jackson.
309. John M. Stark, Concord, 28.9 hp. Overland.
310. John H. Nealley, Dover, 36.1 hp. Stoddard-Dayton.
311. Kenneth McG. Martin, Keene, 36.1 hp. Jackson.
312. Don O. Eaton, Lebanon, 22.5 hp. Buick.
313. Louis Ramsay, Colebrook, 22.5 hp. Maxwell.
314. James B. Woodman, Franklin, 28.9 hp. Pope-Hartford.
315. John G. Stickney, Piermont, 22.5 hp. Buick.
316. W. R. Emerson, Pittsfield, 27 hp. Overland.
317. Benson Auto. Co., Franklin, 32.4 hp. Cadillac.
318. Charles A. Hazlett, Portsmouth, 25.6 hp. Overland.
319. Walter M. Parker, Manchester, 24 hp. Stoddard-Dayton.
320. Walter M. Parker, Manchester, 1½ hp. Rausch & Laing.
321. Walter M. Parker, Manchester, 54.1 hp. Alco.
322. Walter M. Parker, Manchester, 36.1 hp. Olds.
323. John H. Boyd, Farmington, 25.6 hp. Oakland.
324. James H. Mendell, Manchester, 28.9 hp. Stearns.
325. James Speco, Rochester, 25.6 hp. Maxwell.
326. Franklin N. Rogers, Manchester, 28.2 hp. Stoddard-Dayton.
327. James W. Locke, Hopkinton, 30 hp. Sampson.
328. Dr. Eva M. Locke, Nashua, 16.2 hp. Buick.
329. Perley H. Brewer, Newton, 22.5 hp. Ford.
330. Edwin J. Sleeper, Northfield, 22.5 hp. Ford.
331. Harry T. Kingsbury, Keene, 24 hp. Chalmers.
332. Norman B. Smith, Hillsborough, 25.6 hp. Oakland.
333. John B. Smith, Hillsborough, 48.6 hp. Peerless.
334. Waldo W. Buckminster, Keene, 25.6 hp. Hudson.
335. John G. Hazen, Sutton, 28.9 hp. Maxwell.
336. John W. Silver, Groveton, 22.5 hp. Regal.
337. Andrew W. McKean, Litchfield, 32.4 hp. Rambler.
338. William Clark, Hooksett, 22.5 hp. Ford.
339. Eugene B. Eastman, Portsmouth, 25.6 hp. Reo.
340. George E. Giles, Barnstead, 22.5 hp. Ford.
341. Philip C. Lockwood, Manchester, 28.9 hp. Chalmers.
342. Ira J. Prouty, Keene, 10 hp. Stanley.
343. Chester D. Hatch, Exeter, 22.5 hp. Buick.
344. John F. Maynard, Plymouth, 43.8 hp. Stevens.
345. Roscoe G. Greene, Madison, 22.5 hp. Ford.
346. Norwin S. Bean, Manchester, 25.6 hp. Chalmers.

347. Dr. Leon J. Lacasse, Manchester, 25.6 hp. Paterson.
348. Frank E. Mellor, Laconia, 25.6 hp. Hudson.
349. Louis Tremblay, Concord, 25 hp. Overland.
350. Hillsborough Mills, Wilton, 38 hp. Oldsmobile.
351. Francis H. Manning, Manchester, 19.6 hp. Ford.
352. Dr. F. A. Stillings, Concord, 25.6 hp. Hudson.
353. David A. Taggart, Manchester, 36.1 hp. Peerless.
354. Arthur L. Watson, Randolph, 30 hp. Maxwell.
355. Harry W. Burleigh, Franklin, 27.2 hp. Cleveland.
356. Henry C. Phillips, Haverhill, 28.9 hp. Buick.
357. Myron A. Dennis, Orford, 22.5 hp. Ford.
358. Clara W. Chase, Lebanon, 22.5 hp. Buick.
359. Fred W. Estabrook, Nashua, 60 hp. Fiat.
- 360.† Carl S. Fuller, Manchester, 25.6 hp. Reo.
361. James F. Baldwin, Manchester, 32.4 hp. Cadillac.
362. H. A. Trull, Manchester, 40 hp. Packard.
363. Deus Couturier, Somersworth, 16.2 hp. Reo.
364. Samuel K. Bell, Exeter, 46 hp. Stearns.
365. Walter R. Kirk, Keene, 25.6 hp. Stoddard.
366. Peter J. Charron, Manchester, 22.5 hp. Ford.
367. Charles E. Parks, Manchester, 25.6 hp. Firestone-Columbus.
368. George H. Elkins, Hampton, 32.4 hp. Cadillac.
369. Henry A. Jones, Pelham, 40 hp. Chalmers.
370. A. H. Dunlap & Sons, Nashua, 22.5 hp. Buick.
371. Hale Chadwick, Penacook, 9 hp. Metz.
372. Harold W. Bean, Penacook, 25.6 hp. Overland.
373. William E. Dexter, Concord, 25.6 hp. Overland.
374. Fanny M. Chandler, Manchester, 48.4 hp. Stoddard-Dayton.
375. George M. Kent, Manchester, 28.9 hp. Maxwell.
376. Frank X. Laflamme, Manchester, 25.6 hp. Overland.
377. George H. Odell, Stratham, 20 hp. International.
378. James K. Horne, Dover, 25.6 hp. Marion.
379. Mrs. Parker C. Hancock, Franklin, 29.7 hp. Pope-Hartford.
380. Pliny G. Morrison, Concord, 22.5 hp. Ford.
381. Theophile J. Labrecque, Manchester, 40 hp. Speedwell.
382. Augustus W. Shea, Nashua, 32.4 hp. Cadillac.
383. Dr. Joseph H. Richard, Dover, 22.5 hp. Overland.
384. Board of Public Works, Manchester, 32.4 hp. Peerless.
385. New England Telegraph & Telephone Co., Keene, 6.4 hp. Brush.
386. Fred M. Bunker, Dover, 20 hp. International.
387. Marcellus Gould, Penacook, 36 hp. Pope-Hartford.
388. The Whittemore & Ambrose Hardware Co., Nashua, 12 hp. Reo.
389. Harry A. White, Raymond, 25.6 hp. Overland.
390. Andrew J. West, Henniker, 12.8 hp. Maxwell.
391. E. T. Smith, Bow, 16.2 hp. Rambler.
392. Luman Holden, Manchester, 25.6 hp. Overland.
393. L. A. & C. E. Fairbanks, Dublin, 36.1 hp. Jackson.
394. John A. Gleason, Dublin, 25.6 hp. Hudson.
395. Eugene F. Hodge, Nashua, 20 hp. Ford.
396. Dr. David W. Parker, Manchester, 20 hp. Stanley.
- 397.†
398. Dr. John McBride, Lebanon, 22.5 hp. Ford.
399. Jesse R. Noyes, Claremont, 25.6 hp. Oakland.
400. Billie B. Van, George's Mills, 28.9 hp. Otto.
401. Herbert F. Ferrin, Concord, 22.5 hp. Buick.
402. Harry M. Sheldon, Hancock, 32.4 hp. Cadillac.
403. Patrick J. Flaherty, Manchester, 22.5 hp. Hudson.
404. Dr. Arthur L. Wallace, Nashua, 22.5 hp. Maxwell.
405. Henry W. Boutwell, Manchester, 28.9 hp. Cadillac.
406. Harold W. Brown, Dover, 32.4 hp. Cadillac.
407. Gardiner Beardsell & Co., Nashua, 32.4 hp. Packard.
408. Perry H. Dow, Manchester, 28.9 hp. Columbia.
409. Leon C. Norwood, Keene, 32.4 hp. Buick.
410. Roscoe S. Milliken, Nashua, 54.1 hp. Stevens.
411. Charles H. Babbitt, Nashua, 22.5 hp. Ford.
412. Clarence I. Hurd, Dover, 28.9 hp. Maxwell.
413. Leander A. Cogswell, Manchester, 36.1 hp. Firestone-Columbus.
414. Charles E. Woods Co., Portsmouth, 28.9 hp. Cadillac.
415. Samuel J. Lord, Manchester, 25.6 hp. Hudson.
416. Frank W. Tibbetts, Northumberland, 32.4 hp. Oakland.
417. Amoskeag Mfg. Co., Manchester, 16 hp. General.
418. Amoskeag Mfg. Co., Manchester, 16 hp. General.



419. Amoskeag Mfg. Co., Manchester, 12 hp. Columbia.
420. Amoskeag Mfg. Co., Manchester, 20 hp. Columbia.
421. Amoskeag Mfg. Co., Manchester, 16 hp. General.
422. Amoskeag Mfg. Co., Manchester, 16 hp. American.
423. Amoskeag Mrg. Co., Manchester, 24 hp. Columbia.
424. Amoskeag Mfg. Co., Manchester, 16 hp. General.
425. Clara G. Churchill, Lebanon, 32.4 hp. Marmon.
426. George A. Cunningham, Merrimack, 28.9 hp. Buick.
427. Elmer E. Dean, Lebanon, 22.5 hp. Buick.
428. John Newick, Portsmouth, 32.4 hp. Knox.
429. Roy & Gadbois, Manchester, 20 hp. Ford.
430. Arthur Critchett, Candia, 28.9 hp. Ford.
431. Henry L. Morgan, Laconia, 24.3 hp. Atlas.
432. Carrie H. Hussey, Rochester, 40 hp. Peerless.
433. William Esty, Laconia, 21.7 hp. Esty.
434. George B. Hoitt, Manchester, 22.5 hp. Buick.
435. George M. Watson, Manchester, 28.9 hp. Stoddard-Dayton.
436. Bert J. Fellows, Manchester, 32.4 hp. Cadillac.
437. Harry L. Beacham, Portsmouth, 28.9 hp. Stevens.
438. R. C. Marden, Manchester, 32.4 hp. Buick.
439. Frank N. Simons, Goffstown, 25.6 hp. Cadillac.
440. William Wallace, Laconia, 32.4 hp. Rambler.
441. George M. Ball, Nashua, 9 hp. Owen.
442. Proctor Bros. & Co., Nashua, 36.1 hp. Stevens.
443. Proctor Bros. & Co., Nashua, 40 hp. Sampson.
444. Charles F. Melendy, Hudson, 43.8 hp. Franklin.
445. Marie J. Sutton, Keene, 28.9 hp. Chalmers.
446. Joseph O. Hobbs, North Hampton, 54.1 hp. Stevens.
447. George A. Quimby, Laconia, 36.1 hp. Jackson.
448. Melville N. Eastman, North Conway, 40 hp. Stoddard-Dayton.
449. Reverdy F. Smith, New London, 22.5 hp. Ford.
450. Daniel S. Kimball, Manchester, 25.6 hp. Firestone-Columbus.
451. James C. Burlingame, Exeter, 10 hp. Northern.
452. Fred M. Moore, Derry, 25.6 hp. Reo.
453. Melville N. Eastman, North Conway, 25.6 hp. E. M. F.
454. Fred A. Straw, Concord, 16.9 hp. Hupmobile.
455. Charles H. Eastman, Ashland, 10 hp. Oldsmobile.
456. William McElroy, Manchester, 40 hp. Rambler.
457. Frederick Hambleton, Goffstown, 32.4 hp. Cadillac.
458. Fred W. Newman, Cascade, 22.5 hp. Ford.
459. Thomas A. Ward, Portsmouth, 20 hp. Stanley.
460. William E. Peters, Exeter, 19.3 hp. Mitchell.
461. L. K. Merrill, Franklin, 9 hp. Reo.
462. Pink Messer, North Conway, 36.1 hp. Stevens.
463. Winthrop E. Fiske, Exeter, 28.9 hp. Maxwell.
464. Nashua Mfg. Co., Nashua, 3.5 hp. General.
465. Nashua Mfg. Co., Nashua, 3.5 hp. General.
466. William E. Clark, Jr., Lempster, 22.5 hp. Ford.
467. Walter S. Barker, East Sullivan, 36 hp. Stevens.
468. Rolland H. Spaulding, Rochester, 48.4 hp. Rochet-Schneider.
469. Byron Dame, Portsmouth, 32.4 hp. Cadillac.
470. James M. Wells, Littleton, 20.2 hp. Studebaker.
471. Fred H. Chase, Penacook, 10 hp. Stanley.
472. Fred W. Fiske, Manchester, 32.4 hp. Rambler.
473. Charles H. Walker, Portsmouth, 32.4 hp. Cadillac.
474. Leonidas P. LaBonte, Manchester, 28.9 hp. Buick.
475. Leonidas P. La Bonte, Manchester, 48.4 hp. Austin.
476. George B. Veazie, Fitzwilliam Depot, 32.4 hp. Maxwell.
477. Goodell Company, Antrim, 32 hp. Winton.
478. Ervin T. Drake, Franklin, 22.5 hp. Metz.
479. J. J. Moreau & Son, Manchester, 19.6 hp. Ford.
480. Robert S. Morison, Peterborough, 32.4 hp. Cadillac.
481. H. F. Nichols & Son, Peterborough, 32.4 hp. Franklin.
482. Arthur S. Brown, Manchester, 48.6 hp. Winton.
483. E. Clinton Wellington, Westmoreland, 32.4 hp. Cadillac.
484. John W. Wilcox, Rye Beach, 32.4 hp. Cadillac.
485. Edward Labree, Nashua, 28.9 hp. Maxwell.
486. Louis A. Bobick, Nashua, 25.6 hp. Reo.
487. Henry F. Hardy, Bethlehem, 43.8 hp. Mitchell.
488. Charles F. Wright, Nashua, 22 hp. Fuller.
489. C. Barton Pratt, Manchester, 25.6 hp. Metzger.
490. George L. Bastian, Manchester, 22.5 hp. Hudson.
491. William H. Weston, Nashua, 16.9 hp. Franklin.



492. Frank E. Green, Manchester, 32.4 hp. Rambler.
493. LaFell Dickinson, Winchester, 43.8 hp. Franklin.
494. James A. Batchelder, Keene, 22.5 hp. Overland.
495. David S. Draper, Wilton, 28.9 hp. Maxwell.
496. Hugh W. Flack, Manchester, 36.1 hp. Pope-Hartford.
497. Ervin W. Hodsdon, Mountainview, 20 hp. Victor.
498. W. H. Harris, Sr., Claremont, 28.9 hp. Cadillac.
499. Oscar G. Yon, Fitzwilliam Depot, 25.6 hp. Olds.
500. Irving A. Watson, Concord, 28.9 hp. Maxwell.
501. Charles R. Dame, Concord, 28.9 hp. Maxwell.
502. Rete Chandler, Nashua, 28.9 hp. Case.
503. Chauncey G. Austin, Lyme, 25.6 hp. Ford.
504. Joseph W. Hodgdon, Portsmouth, 22.5 hp. Ford.
505. George E. Whitcomb, West Swanzey, 40 hp. Peerless.
506. D. D. Thornton, Grantham, 22.5 hp. Ford.
507. Eugene W. Libby, Gorham, 32.4 hp. Buick.
508. Nettie M. Sweet, Concord, 25 hp. Overland.
509. Edward P. King, Concord, 16.9 hp. Hupmobile.
510. Levi F. Lowell, Reed's Ferry, 28.9 hp. Stoddard-Dayton.
511. Verta A. Smith, Atkinson, 22.5 hp. Ford.
512. Edwin L. Pearson, Farmington, 28.9 hp. Overland.
513. E. H. Langston, Nashua, 16.2 hp. Maxwell.
514. Wallace W. Cole, Salem, 32.4 hp. Buick.
515. Hattie L. Felch, Manchester, 28.9 hp. Buick.
516. John M. Page, Littleton, 22.5 hp. Buick.
517. Dr. Henry W. Bradford, Wolfeboro, 18.2 hp. Franklin.
518. Moses W. Flint, Newport, 20 hp. Knox.
519. Cyrus E. Hadley, Bradford, 45 hp. Austin.
520. Norwin S. Bean, Manchester, 54.1 hp. Stevens.
521. Fay E. Clarke, Claremont, 28.9 hp. Ford.
522. William M. Bowman, Salmon Falls, 28.9 hp. Cadillac.
523. Arthur Currier, Manchester, 24.3 hp. Elmore.
524. Daniel W. Lakeman, Nashua, 16.2 hp. Maxwell.
525. William F. Almy, Nashua, 57 hp. Palmer & Singer.
526. James J. Buckley, Milton, 22.5 hp. Overland.
527. Charles Williams, Nashua, 40 hp. Stoddard-Dayton.
528. George S. Bailey, Hillsborough, 12.8 hp. Maxwell.
529. Frederic G. Wilman, Tilton, 22.5 hp. Overland.
530. John K. Hatch, Greenland, 25.6 hp. Cadillac.
531. Pietro P. Caproni, Salem, 19.6 hp. Napier.
532. Raffale Pederzani, Nashua, 28.9 hp. Maxwell.
533. John W. Houston, Salem, 20.2 hp. Flanders.
534. Andrew F. Swett, Plymouth, 22.5 hp. Buick.
535. Walter E. Billings, Milford, 28.9 hp. Buick.
536. Harold I. Towle, Freedom, 24 hp. Chalmers.
537. William H. Marcotte, Jr., Manchester, 25.6 hp. Hudson.
538. Bernis F. Ballou, Gilsun, 10 hp. Stanley.
539. Charles A. Dole, Lebanon, 43.8 hp. Stevens.
540. Carroll A. Moore, Bellows Falls, Vt., 36.1 hp. Stevens.
541. Carroll A. Moore, Bellows Falls, Vt., 43.8 hp. Stevens.
542. Katharine M. Dewey, Atkinson, 30 hp. Pope-Hartford.
543. Herbert N. Sawyer, Atkinson, 25.6 hp. Cadillac.
544. Dr. Herbert L. Taylor, Portsmouth, 22.5 hp. Ford.
545. George N. Bartemus, Concord, 18.2 hp. Franklin.
546. George N. Bartemus, Concord, 40 hp. Knox.
547. Harry M. Chandler, North Chatham, 30.6 hp. Overland.
548. Frank X. Tardif, Nashua, 22.5 hp. Ford.
549. W. R. Brown, Berlin, 54 hp. Stevens.
550. Charles J. Pitman, Laconia, 22.5 hp. Ford.
551. J. F. Landry, Manchester, 40 hp. Rambler.
552. Dr. Fred S. Eveleth, Concord, 32.4 hp. Cole.
553. Charles H. Sanders, Penacook, 26.1 hp. Packard.
554. Ella B. Atherton, Nashua, 25.6 hp. Reo.
555. Clinton W. Elwell, Exeter, 18 hp. Hupmobile.
556. W. R. Seigle, Nashua, 40 hp. Packard.
557. K. E. Dearborn, Bristol, 22.5 hp. Ford.
558. Ira A. Chase, Bristol, 22.5 hp. Ford.
559. Mark F. Hoffman, Manchester, 3 hp. Pope-Waverly.
560. Everett A. Watson, Northwood Center, 22.5 hp. Ford.
561. Wallace Hackett, Portsmouth, 28.9 hp. Cadillac.
562. P. H. Parker, Lebanon, 25.6 hp. Cadillac.
563. Edward P. Tufts, Candia, 12.8 hp. Maxwell.

564. Dr. F. A. Sprague, Concord, 25.6 hp. Clark.
565. William P. Robinson, Portsmouth, 32.4 hp. Cadillac.
566. Goodnow & Aldrich Co., Keene, 15 hp. Chase.
567. Sam S. Dearborn, Nashua, 36.1 hp. Stevens.
568. Harry E. Trafton, Portsmouth, 22.5 hp. Buick.
569. George P. Thompson, Newcastle, 32.4 hp. Buick.
570. Halbert N. Bond, Manchester, 38 hp. Peerless.
- 571.† Harry J. Ricketson, Allentown, 28.9 hp. Corbin.
572. Rufus Wood, Portsmouth, 30 hp. Cadillac.
573. Rufus Wood, Portsmouth, 30 hp. Cadillac.
- 574.† Dr. Charles L. Curtiss, Manchester, 22.5 hp. Ford.
575. Alvin P. Smith, New Boston, 25.6 hp. Overland.
576. Dr. Wellington A. Thompson, Manchester, 22.5 hp. Ford.
577. George M. Hendee, Springfield, Mass., 40 hp. Knox.
578. B. A. Bloomey, Manchester, 28.9 hp. Maxwell.
579. John C. Hayes, Manchester, 32.4 hp. Cadillac.
580. Rockingham County Light & Power Co., Portsmouth, 20 hp. Rapid.
581. Dr. J. B. Hyland, Keene, 25.6 hp. Overland.
582. Amos G. Straw, Manchester, 48.6 hp. Winton.
583. William G. Berry, Manchester, 3 hp. Detroit.
584. Josiah E. Fernald, Concord, 25.6 hp. Franklin.
585. Albert W. Thompson, Manchester, 28.9 hp. Chalmers.
586. John H. Gleason, Manchester, 25.6 hp. Hudson.
587. Martin & Rivers, Marlborough, 10 hp. Stanley.
588. Walter E. Taft, Berlin, 18.2 hp. Franklin.
589. Charles E. Tilton, Tilton, 46 hp. American.
590. John H. Toof & Co., Concord, 18 hp. Franklin.
591. Rev. Louis M. Laplante, Manchester, 43.8 hp. Mitchell.
592. Abner Bailey, Lancaster, 28.9 hp. Mitchell.
593. Elgen M. Bowers, Hillsborough, 12.8 hp. Maxwell.
594. Dr. Walter T. Crosby, Manchester, 32.4 hp. Oldsmobile.
595. Marion L. Bugbee, Concord, 16.2 hp. Maxwell.
596. Frank W. Rollins, Concord, 29 hp. Mercedes.
597. Herman E. Feineman, Rochester, 40 hp. Packard.
598. D. Webster King, Cornish, 48 hp. Packard.
599. Dr. Norman B. Webber, Manchester, 28.9 hp. Parry.
600. Rufus Waterman, Concord, 22.5 hp. Ford.
601. Dr. L. M. French, Manchester, 40 hp. Packard.
602. Charles E. Congdon, Nashua, 25.6 hp. Reo.
603. Albert F. Sawyer, Manchester, 20.2 hp. Ford.
604. Guy F. Lombard, Keene, 14.4 hp. Ford.
605. Orman T. Lougee, Laconia, 25.6 hp. Reo.
606. William T. Entwistle, Portsmouth, 10.5 hp. Reo.
607. George F. Sargent, Franklin, 22 hp. Buick.
608. William B. Kenniston, Exeter, 12.8 hp. Maxwell.
609. Edward F. Holbrook, Keene, 36.1 hp. Stoddard-Da: ton.
610. George A. St. Germain, Berlin, 28.9 hp. Buick.
611. Walter Burnett, Nashua, 20 hp. Stanley.
612. Manchester Tea Co., Manchester, Washington.
613. Manchester Tea Co., Manchester, 3.5 hp. Detroit.
614. Walter J. Gray, Concord, 25.6 hp. Elmore.
615. Rufus M. Weeks, Suncook, 40 hp. American.
616. The Barton Company, Manchester, 28.9 hp. Hudson.
617. William Gathercole, Manchester, 25.6 hp. Overland.
618. Herbert W. Clark, Portsmouth, 22.5 hp. Overland.
619. Oscar C. Russell, Nashua, 24 hp. Stevens.
620. Charles B. Jackman, Nashua, 16.2 hp. Maxwell.
621. Charles H. Jackman, Nashua, 8.1 hp. Reo.
622. Charles H. Jackman, Nashua, 32.4 hp. Buick.
623. Louis W. Flanders, Dover, 28.9 hp. Overland.
624. Rodney B. Hoyt, Dover, 28.9 hp. Maxwell.
625. Spaulding & Frost Co., Fremont, 66 hp. Lombard.
626. Ada A. Smith, Laconia, 40 hp. Packard.
627. Eleanor C. Collins, South Nashua, 32.4 hp. Packard.
628. J. G. M. Glessner, Littleton, 36.1 hp. Stevens.
629. Charles F. Jackson, Manchester, 22.5 hp. Ford.
630. New England Tel. & Tel. Co., Manchester, 34.2 hp. Sampson.
631. Logan L. Walker, Merrimack, 6 hp. Stanley.
632. Harry C. Barrett, Concord, 16.2 hp. Buick.
633. Herman E. Feineman, Rochester, 26 hp. Packard.
634. Charles T. Johnson, Jaffrey, 27.2 hp. Regal.

635. Nashua Light, Heat & Power Co., Nashua, 22.5 hp. Hudson.
636. Fred T. Buxton, Nashua, 12.8 hp. Maxwell.
637. William A. Dickson, Milton, 32.4 hp. Oakland.
638. Timothy F. Kerwin, Manchester, 22.5 hp. Ford.
639. Irving G. Rowell, Sunapee, 43.8 hp. Stevens.
640. Charles E. Leach, Portsmouth, 20 hp. International.
641. A. Crosby Kennett, Conway, 53 hp. Simplex.
642. Louise K. Hayes, Manchester, 32.4 hp. Cadillac.
643. Peter Harris, Manchester, 9.8 hp. Autocar.
644. Edmund Little, Laconia, 28.9 hp. Maxwell.
645. Frank H. Emerson, Manchester, 43.8 hp. Thomas.
646. William A. Goss, Dover, 25.6 hp. Chalmers.
647. A. L. Cushman, Concord, 25.6 hp. Buick.
648. William H. Bowker, Manchester, 22.5 hp. Ford.
649. H. E. Dunbar & Sons, Manchester, 28.9 hp. Paterson.
650. H. E. Dunbar & Sons, Manchester, 25.6 hp. Buick.
651. Indian Head Table Co., Nashua, 20 hp. International.
652. Jacob I. Whittemore, Manchester, 25.6 hp. Overland.
653. Warren F. Daniell, Franklin, 48.6 hp. Winton.
654. Martha H. Towle, Portsmouth, 25.6 hp. Maxwell.
655. Dr. Wilfrid Biron, Manchester, 19.6 hp. Ford.
656. Fred A. Gray & Co., Portsmouth, 28.9 hp. Cadillac.
657. Zenon A. Lavoie, Manchester, 28.9 hp. Cadillac.
658. John B. Varick Co., Manchester, 40 hp. Federal.
659. Evariste C. Tremblay, Manchester, 28.9 hp. Mitchell.
660. Frank W. Grafton, Concord, 27.2 hp. Pope-Hartford.
661. Gaffney Bros., Nashua, 20 hp. Ford.
662. William D. Veazey, Laconia, 12.8 hp. Maxwell.
663. Roscoe C. Lovering, Loudon, 32.4 hp. Oakland.
664. John A. Pethick, Portsmouth, 22.5 hp. Ford.
665. Dr. L. W. Lord, West Ossipee, 25.6 hp. Maxwell.
666. Richard I. Walden, Portsmouth, 32.4 hp. Cadillac.
667. Frederick B. Pierce, Keene, 40 hp. Packard.
668. Frank Marcotte, Manchester, 21 hp. Wayne.
669. George A. Campbell, Manchester, 28.9 hp. Buick.
670. William W. Finley, Dover, 20 hp. Overland.
671. Joseph Paquette, Manchester, 22.5 hp. Overland.
672. Chester V. Chaffee, Richford, Vt., 27.2 hp. Cadillac.
673. Harold Whiteley, Franklin, 18 hp. Reo.
674. W. F. Potvin, Somersworth, 25.6 hp. Maxwell.
675. Ralph D. Paine, Durham, 40 hp. Knox.
676. Dennis E. Sullivan, Concord, 28.9 hp. Cadillac.
677. James C. Clough, Enfield, 25.6 hp. Buick.
678. Forrest Dearborn, South Weare, 16.9 hp. Overland.
679. S. Z. Cleaves, West Rindge, 27.2 hp. Regal.
680. Eugene W. Emerson, Milton, 25.6 hp. Oakland.
681. Fred P. Beedle, Keene, 22.5 hp. Hudson.
682. Henry M. Clough, Concord, 22.5 hp. Ford.
683. Ralph R. Wood, Lebanon, 32.4 hp. Rambler.
684. Frank P. Willoughby, North Woodstock, 22.5 hp. Ford.
685. Tilson D. Fuller, Nashua, 12.8 hp. Maxwell.
686. E. Smith Tenney, Concord, 32.4 hp. Locomobile.
687. William S. Pierce, Dover, 20.2 hp. Flanders.
688. John K. Tibbits, Concord, 25.6 hp. Hudson.
689. Waldo F. Hubbard, Nashua, 25.6 hp. Reo.
690. C. Robert Adams, North Woodstock, 22.5 hp. Regal.
691. Charles M. Rolfe, Boscawen, 22.5 hp. Ford.
692. Josiah P. Jenness, Dover, 22.5 hp. Buick.
693. George F. Green, Pittsfield, 25.6 hp. Overland.
694. William B. Swain, Barrington, 20 hp. International.
695. David M. Hyman, Little Boar's Head, 30 hp. Panhard.
696. William I. Sweet, Pittsfield, 25.6 hp. Overland.
697. Warren A. French, Keene, 32.4 hp. Inter-State.
- 698.† Elbert Wheeler, Nashua, 3½ hp. Columbia.
699. Dr. David M. Currier, Newport, 22.5 hp. Ford.
700. Albert P. Corliss, Woodstock, 22.5 hp. Ford.
701. Parry T. Hersey, Wolfeboro, 18 hp. Reo.
702. Sadie B. Williamson, Derry, 28.9 hp. Inter-State.
703. William H. Nute, Exeter, 28.9 hp. De Tamble.
704. William D. Swart, Nashua, 48.6 hp. Winton.
705. William D. Swart, Nashua, 28.9 hp. Chalmers.
706. Fred W. Clark, Wilton, 32.4 hp. Jackson.

707. George W. McGregor, Littleton, 36.1 hp. Oldsmobile.
708. Theodore W. Law, Portsmouth, 25.6 hp. Reo.
709. Wilbert L. Aller, Manchester, 10 hp. Stanley.
710. Frank E. Bailey, Greenfield, 30 hp. Stanley.
711. Augustus C. Foster, Rochester, 25.6 hp. E. M. F.
712. Charles E. Cartland, Dover, 25.6 hp. Maxwell.
713. Everett J. Galloway, Dover, 16.9 hp. Hupmobile.
714. Arno G. Vogel, West Manchester, 22.5 hp. Metz.
715. John G. Morrill, Rochester, 22.5 hp. Ford.
716. Charles A. Roby, Nashua, 48 hp. Winton.
717. Mabel M. Boylston, Portsmouth, 22.5 hp. Ford.
718. Walter S. Hall, Claremont, 22.5 hp. Ford.
719. Benjamin A. Kimball, Concord, 54.1 hp. Alco.
720. C. H. Swain, Concord, 25.6 hp. Cadillac.
721. Frank N. Parrow, Claremont, 20 hp. Reo.
722. Dr. E. A. Tracy, Keene, 25.6 hp. Overland.
723. Edward H. Taft, Milford, 25.6 hp. E. M. F.
724. Nathan Cragin, Wilton, 24 hp. Stevens.
725. Charles S. Colby, Waterloo, 28.9 hp. Nordvke.
726. Bleecker Van Wagenen, Alstead, 36 hp. Pope-Hartford.
727. Henry D. Bourne, Manchester, 72.6 hp. Thomas.
728. George C. Chase, Warner, 22.5 hp. Metz.
729. Lewis, Wadsworth & Chase, Warner, 18 hp. Rambler.
730. J. W. Williamson, Manchester, 32.4 hp. Cadillac.
731. Frank E. Bailey, Greenfield, 25.6 hp. Buick.
732. Alfred L. Gadbois, Manchester, 40 hp. Welch.
733. Frank C. Livingston, Manchester, 25.6 hp. Regal.
734. J. L. Letoile, Derry, 25.6 E. M. F.
735. Woodbury Langdon, Portsmouth, 3 1/2 hp. Rausch.
736. Phillip H. Parker, Lebanon, 12.8 hp. Maxwell.
737. Leonard D. Hunt, Exeter, 28.9 hp. Mitchell.
738. Charles E. Clark, Rochester, 32.4 hp. Rambler.
739. Frank A. Bready, Manchester, 12.8 hp. Maxwell.
740. George T. Colony, Keene, 25.6 hp. Hudson.
741. Napoleon Lemire, Manchester, 25.6 hp. Regal.
742. Clara S. Davidge, Plainfield, 22.5 hp. Flanders.
743. Thornton M. Russ, Salem, 22.5 hp. White.
744. John Gage, Henniker, 16 hp. Elmore.
745. Thomas H. Powers, Manchester, 25.6 hp. Overland.
746. Benjamin W. Couch, Concord, 36.1 hp. Stevens.
747. Harry C. Moulton, Bethlehem, 36.1 hp. Grout.
748. Eugene W. Sargent, Manchester, 33 3/4 hp. Mitchell.
749. Charles E. Avery, Swanzey, 20 hp. Maxwell.
750. L. D. Moulton, Campton, 22.5 hp. Ford.
751. George E. Law & Co., Nashua, 14.5 hp. Maxwell.
752. G. L. Erb, Nashua, 28.9 hp. Overland.
753. Fred A. Burroughs, North Conway, 8.1 hp. Pierce-Arrow.
754. Rodrick Gagnon, Somersworth, 16.2 hp. Reo.
755. Charles F. Isola, Milford, 36 hp. Stevens.
756. Edward A. Nelson, East Swanzey, 40 hp. Knox.
757. Daniel Roy, Windham, 16.2 hp. Buick.
758. Frank D. Hutchins, Pittsfield, 28.9 hp. Hudson.
759. Henry G. Hayes, Dover, 26 hp. Pullman.
760. Dr. Dudley L. Stokes, Rochester, 22.5 hp. Ford.
761. Louis P. Routhier, Manchester, 20 hp. Overland.
762. Ralph L. Shepard, Portsmouth, 25.6 hp. Buick.
763. George E. Henry, Lincoln, 48.6 hp. Packard.
764. Carl A. Hall, Concord, 25.6 hp. Overland.
765. John E. Cotton, Nashua, 3 hp. Victoria.
766. George C. Stickney, Keene, 25.6 hp. Reo.
767. Charles J. Hamblett, Nashua, 48.6 hp. Locomobile.
768. Edwin M. Carr, Dover, 6.4 hp. Brush.
769. H. S. Mudgett, Intervale, 36.1 hp. Stevens.
770. Charles D. Trudell, Manchester, 22.5 hp. Ford.
771. H. S. Mudgett, Intervale, 36 hp. Stevens.
772. Burt E. Warren, Nashua, 22.5 hp. Maxwell.
773. Woodbury Langdon, Portsmouth, 20 hp. Clement Bayard.
774. William F. Thayer, Farmington, 32.4 hp. Buick.
775. Woodbury Langdon, Portsmouth, 24 hp. Clement.
776. H. S. Mudgett, Intervale, 36 hp. Stevens.
777. James B. Felton, Manchester, 32.4 hp. Peerless.
778. Fred F. Page, Keene, 24 hp. Stoddard-Dayton.

779. Wilbur T. Lunt, Rochester, 32.4 hp. Rambler.
780. Charles P. Bancroft, Concord, 57 hp. Knox.
781. George F. Lord, Exeter, 22.5 hp. Oakland.
782. Frank H. Hillman, Pelham, 22.5 hp. Reo.
783. John S. Wicom, Nashua, 25.6 hp. Reo.
784. Guy E. Flagg, Nashua, 22.5 hp. Ford.
785. Edward P. Cook, Winchester, 22.5 hp. Ford.
786. Camille S. Bourgeois, Greenville, 25.6 hp. Maxwell.
787. William P. Frink, Greenland, 22.5 hp. Ford.
788. Fred S. Hutchinson, Milford, 16.2 hp. Maxwell.
789. Edward M. Fowler, Pembroke, 25.6 hp. Cadillac.
790. Mason T. Ela, Warner, 12.8 hp. Elmore.
791. R. L. Costello, Portsmouth, 16.2 hp. Maxwell.
792. James W. Fowler, Epsom, 22.5 hp. Hudson.
793. Eben W. Jones, Peterborough, 22.5 hp. Ford.
794. S. A. Schurman & Son, Portsmouth, 20 hp. International.
795. Duane F. Holt & Son, Nashua, 22.5 hp. Buick.
796. Thomas B. Moore, Lincoln, 40 hp. Packard.
797. Alba R. H. Foss, Rye, 22.5 hp. Ford.
798. Clarence B. Allen, Portsmouth, 22.5 hp. Ford.
799. The Manchester Union Co., Manchester, 25.6 hp. Hudson.
800. Wilbert F. Gilman, Tilton, 8 hp. Stanley.
801. Wilfred E. Burpee, Manchester, 22.5 hp. Overland.
802. W. W. Wilson, Nashua, 30 hp. Cadillac.
803. Mrs. H. C. Libbey, Littleton, 48.6 hp. Winton.
804. Henry L. Young, Franklin, 22.5 hp. Overland.
805. James H. Whitfield, Frankestown, 12.8 hp. Maxwell.
806. Calvin H. Ellis, Keene, 25.6 hp. Buick.
807. Hugh J. Robertson, Jr., Portsmouth, 32.4 hp. Cadillac.
808. Charles J. O'Neill, North Walpole, 36.1 hp. Chalmers.
809. Hugh J. Robertson, Jr., Portsmouth, 22.5 hp. Regal.
810. W. R. Garland, Plymouth, 22.5 hp. Ford.
811. Arthur C. Emerson, Barnstead, 28.9 hp. Overland.
812. Robert F. Gurnsey, Keene, 25.6 hp. Hudson.
813. Harold C. Holland, Hinsdale, 22.5 hp. Ford.
814. Dr. William H. W. Hinds, Milford, 19.6 hp. Buick.
815. Oscar W. Swett, Andover, 18 hp. Reo.
816. Charles F. Quincy, Center Harbor, 40 hp. Chalmers.
817. Herbert W. Wood, Ashuelot, 22.5 hp. Ford.
818. Frank E. Anderson, Nashua, 2½ hp. Baker.
819. William S. Pierce, Dover, 32.4 hp. Jackson.
820. Albert E. Holt, Bennington, 16.9 hp. Hupmobile.
821. Charles S. Clarke, Berlin, 28.9 hp. Overland.
822. Arthur H. Richards, Manchester, 33.7 hp. Mitchell.
823. John S. Rand, Pittsfield, 25.6 hp. Overland.
824. Luther H. Morrill, Tilton, 40 hp. Reading.
825. Charles H. Merrill, Exeter, 36.1 hp. Winton.
826. Perley F. Safford, Keene, 22.5 hp. Ford.
827. Mason D. Dolloff, Lincoln, 10 hp. Stanley.
828. Charles C. Davis, Hopkinton, 22.5 hp. Maxwell.
829. Walter S. Edgerly, Durham, 22.5 hp. Ford.
830. Elmer M. Miller, Haverhill, 25.6 hp. Buick.
831. Charles M. Towle, Freedom, 25.6 hp. Hudson.
832. F. H. Chick, Ashland, 25.6 hp. Overland.
833. Orrin A. Hoyt, Rochester, 25.6 hp. Chalmers.
834. Edward H. Best, Mont Vernon, 48.6 hp. Locomobile.
835. Edward H. Best, Mont Vernon, 30 hp. Stanley.
836. Edward H. Best, Mont Vernon, 20 hp. Stanley.
837. John H. Evans, Meredith, 10 hp. Hub.
838. Eugene Quirin, Manchester, 25.6 hp. Hudson.
839. Edgar R. Champlin, Boston, Mass., 40 hp. Packard.
840. William B. Hamlin, Milan, 18 hp. Reo.
841. Nahum E. Sanborn, Belmont, 20 hp. Maxwell.
842. J. C. Flanders, Rochester, 22.5 hp. Ford.
843. William Demers, Berlin Mills, 25.6 hp. Buick.
844. Edwin N. Wilmot, Haverhill, 16.2 hp. Buick.
845. John S. Kimball, Hooksett, 22.5 hp. Metz.
846. Harvey C. Taylor, Portsmouth, 28.9 hp. Cadillac.
847. Elwin J. Bennett, Gossville, 22 hp. Rambler.
848. William H. Walker, Nashua, 22.5 hp. Ford.
849. Huntley N. Spaulding, North Rochester, 48.4 hp. Rochet.
850. C. H. Bailey, Claremont, 22.5 hp. Ford.



851. William E. Soule, Exeter, 19.6 hp. Ford.
852. Clarence W. Ainsworth, Claremont, 22.5 hp. Ford.
853. Charles W. Bailey, Hampstead, 22.5 hp. Overland.
854. Fred W. Page, Whitefield, 28.9 hp. Cadillac.
855. W. H. S. Nason, Rochester, 20 hp. International.
856. Frank W. Tilden, Hinsdale, 20 hp. Reo.
857. Roy W. Joslyn, Lebanon, 28.9 hp. Buick.
858. John R. Marjerison, North Salem, 22.5 hp. Ford.
859. Louis S. Hartshorn, Milford, 22.5 hp. Ford.
860. Fred W. Woodman, Plaistow, 25.6 hp. Hudson.
861. Harold M. Render, Manchester, 22.5 hp. Maxwell.
862. John J. Griffin, Spofford, 40 hp. Welch.
863. F. Maurice Morrill, New Hampton, 28.9 hp. Buick.
864. Hiram T. Folsom, Pittsfield, 32.4 hp. Marmon.
865. Clarence W. F. Wendell, Rochester, 12.8 hp. Maxwell.
866. Charles S. Walker, Keene, 22.5 hp. Ford.
867. James L. Rice, Claremont, 16.2 hp. Pope-Tribune.
868. Dr. Charles E. Newell, Derry, 28.9 hp. Kissel Kar.
869. Dr. George W. Hatch, Wilton, 22.5 hp. Metz.
870. Edward F. Lawrence, Wilton, 9.8 hp. Stanley.
871. Dr. William D. Inglis, Portsmouth, 22.5 hp. Ford.
872. George H. Eames, Keene, 22.5 hp. Ford.
873. James H. Martin, Wolfeboro, 38.4 hp. Pierce-Arrow.
874. George H. Eames, Jr., Keene, 22.5 hp. Ford.
875. Herman Christophe, Manchester, 12.8 hp. Maxwell.
876. Edwin A. Prescott, Durham, 22.5 hp. Ford.
877. Myrl L. Currier & Co., Enfield, 22.5 hp. Ford.
878. Arthur G. Whittmore, Dover, 36.1 hp. Oldsmobile.
879. Fred N. Wheeler, Berlin, 25.6 hp. E. M. F.
880. Clarence W. Adams, Laconia, 19.6 hp. Stevens.
881. Edwin L. Howland, Littleton, 25.6 hp. Overland.
882. Minnie L. Sleeper, Lakeport, 22.5 hp. Ford.
883. W. E. Phillips, Belmont, 22.5 hp. Maxwell.
884. George S. Guilbeault, Derry, 25.6 hp. E. M. F.
885. George S. Foster, Manchester, 12.8 hp. Maxwell.
886. William A. Carpenter, Manchester, 28.9 hp. Maxwell.
887. Harry E. Loveren, Manchester, 32.4 hp. Marmon.
888. Harry W. Daniell, Laconia, 43.8 hp. Stevens.
889. Carl B. Murray, Canaan, 28.9 hp. Cadillac.
890. Charles C. Libby, Gorham, 27.2 hp. Oakland.
891. Wyman K. Flint, Antrim, 43.8 hp. Stevens.
892. Edwin M. Heard, Laconia, 25.6 hp. Hudson.
893. William D. Ferrin, Hinsdale, 22.5 hp. Hudson.
894. John D. French, Manchester, 32.4 hp. Cadillac.
895. Ralph W. Parsons, Manchester, 32.4 hp. Firestone-Columbus.
896. Wilbur L. Phelps, New Ipswich, 16.2 hp. Maxwell.
897. Harmon Newell, Claremont, 32.4 hp. Lexington.
898. Edward P. Morgan, Goffstown, 24 hp. Stevens.
899. Fred E. Perkins, Portsmouth, 25.6 hp. Reo.
900. Leonard Jarvis, Claremont, 25.6 hp. Reo.
901. Albert J. Reed, Manchester, 25.6 hp. Overland.
902. John J. Greenough, Newington, 22.5 hp. Buick.
903. Fred I. Maxwell, Portsmouth, 22.5 hp. Regal.
904. Harvey B. Glidden, Claremont, 32.4 hp. Cadillac.
905. James S. Black, Nashua, 25.6 hp. Hudson.
906. Melvin H. Bragg, Concord, 12.8 hp. Maxwell.
907. William M. Wood, Laconia, 22.5 hp. Buick.
908. Everett B. Cooley, East Rochester, 22.5 hp. Ford.
909. Matthew E. Odell, Derry, 27.2 hp. Firestone-Columbus.
910. Ceylon Spinney, Portsmouth, 22.5 hp. Buick.
911. Fred E. Davis, Hudson, 8 hp. Cadillac.
912. Charles J. Upham, Amherst, 22.5 hp. Ford.
913. Kellogg Toasted Corn Flake Co., Boston, Mass., 20 hp. Ford.
914. Newell P. Sias, Ossipee, 22.5 hp. Buick.
915. Austin H. Perkins, Jefferson, 28.9 hp. Mitchell.
916. Charles G. Barnard, Goffstown, 32.4 hp. Rambler.
917. Fred L. Morang, Dover, 25.6 hp. E. M. F.
918. Herbert L. Knowles, East Concord, 8 hp. Brush.
919. Charles W. Varney, Rochester, 22.5 hp. Ford.
920. John A. Jones, Hopkinton, 10 hp. Stanley.
921. Dennis J. O'Connell, Portsmouth, 25.6 hp. Reo.
922. Charles H. Pepler, Newmarket, 32.4 hp. Mitchell.



923. W. H. McElwain Co., Boston, Mass., 40 hp. Packard.
924. Dana B. Mayo, Somersworth, 25.6 hp. Oakland.
925. Ira E. Fletcher, Manchester, 36.1 hp. Dayton.
926. Eugene Smart, Dover, 25.6 hp. E. M. F.
927. George H. Roby, Lakeport, 32.4 hp. Cole.
928. Emma P. Roy, Manchester, 25.6 hp. Overland.
929. Walter I. Wentworth, Jackson, 32.4 hp. Peerless.
930. Mrs. C. C. Stillman, Dublin, 48.6 hp. Pierce-Arrow.
931. Charles L. Batchelder, North Hampton, 32.4 hp. Cadillac.
932. Charles L. Batchelder, North Hampton, 32.4 hp. Cadillac.
933. John A. Ballou, Manchester, 28.9 hp. Overland.
934. Walter L. Kimball, Manchester, 22.5 hp. Ford.
935. John T. Dodge, Laconia, 48.6 hp. Pierce.
936. Fred C. Weymouth, Belmont, 24 hp. Stevens.
937. David Shaddock, Enfield, 25.6 hp. Maxwell.
938. Frank D. Wilson, Lakeport, 10 hp. Stanley.
939. Merritt C. Allen, Northfield, 25.6 hp. Oakland.
940. Joseph A. St. Germain, Hooksett, 28.9 hp. Ford.
941. Roy V. Sullivan, Manchester, 13.6 hp. Sears.
942. David Wylie, Westville, 22.5 hp. Ford.
943. George E. Noyes, Manchester, 25.6 hp. Overland.
944. George A. Tohman, Dover, 36.1 hp. Stoddard-Dayton.
945. Maurice L. Hoitt, Manchester, 22.5 hp. Overland.
946. Charles L. Seavey, Pelham, 32.4 hp. Cadillac.
947. Arno G. Vogel, Manchester, 10 hp. Overland.
948. C. F. Flanders, Manchester, 15.6 hp. Overland.
949. George W. Lamprey, Exeter, 25.6 hp. Overland.
950. Richard W. Dow, Concord, 22.5 hp. Maxwell.
951. Eugene C. Randall, Concord, 22.5 hp. Mitchell.
952. John H. Currier, Concord, 30 hp. Reo.
953. Charles D. Lockett, East Candia, 28.9 hp. Crawford.
954. Frank W. Leeman, Manchester, 28.9 hp. Cadillac.
955. Joseph A. Bellavance, Derry, 22.5 hp. Buick.
956. Frank F. Newick, Portsmouth, 10 hp. Cadillac.
957. Joseph A. Levesque, Berlin, 25.6 hp. Buick.
958. Evarts W. Messer, New London, 22.5 hp. Ford.
959. John E. Maynard, Plymouth, 40 hp. Speedwell.
960. William F. Schonland, Jr., Manchester, 28.9 hp. Mitchell.
961. George H. Williams, Dover, 43.8 hp. Stevens.
962. Herbert B. Wilcox, Keene, 25.6 hp. Overland.
963. John R. Mathes, Dover, 22.5 hp. Overland.
964. Harry W. Dickey, Claremont, 25.6 hp. Ford.
965. Charles E. Clark, Lincoln, 25.6 hp. E. M. F.
966. Walter J. Roberts, Rochester, 22.5 hp. Ford.
967. Joseph P. Beaudoin and Joseph Bourgeois, Manchester, 22.5 hp. Ford.
968. George H. Willey, Newmarket, 28.9 hp. Buick.
969. Eugene S. Downs, Lebanon, 10 hp. Cadillac.
970. Frank P. Whitney, Franconia, 32.4 hp. Buick.
971. Davis-Taylor Co., East Jaffrey, 20 hp. International.
972. Thomas W. Hall, Keene, 25.6 hp. Chalmers.
973. Charles R. Pease, Laconia, 22.5 hp. Ford.
974. William C. Starrett, Bennington, 18.2 hp. Mitchell.
975. Harry A. Walker, Rollinsford, 22.5 hp. Ford.
976. Arthur F. Oyston, Concord, 22.5 hp. Ford.
977. Charles A. Allen, Portsmouth, 22.5 hp. Ford.
978. George A. Batchelder, North Hampton, 32.4 hp. Cadillac.
979. Charles L. Howe, Dover, 22.5 hp. Buick.
980. Harry A. Roberts, Rochester, 22.5 hp. Ford.
981. William N. Robie, Manchester, 32.4 hp. Buick.
982. Percival M. Robinson, Portsmouth, 40 hp. Packard.
983. Cassius M. Thompson, Manchester, 25.6 hp. Hudson.
984. Daniel Ricker, Somersworth, 25.6 hp. Overland.
985. Addie J. Calley, Bristol, 27.2 hp. Lexington.
986. Hugh Williams, Nashua, 22.5 hp. Buick.
987. Wilmer C. Tolman, Keene, 22.5 hp. Ford.
988. Edward R. Plummer, Laconia, 16.2 hp. Maxwell.
989. Fred O. Langley, Manchester, 24.2 hp. Reo.
990. John B. Gilbert, Berlin, 32.4 hp. Buick.
991. Hislop Bros., Portsmouth, 40 hp. Oakland.
992. Hislop Bros., Portsmouth, 30 hp. Cadillac.
- 993.† Hislop Bros., Portsmouth, 30 hp. Cadillac.
- 994.† Hislop Bros., Portsmouth, 24 hp. Thomas.

995. Frank H. Cross, Errol, 28.9 hp. Overland.
996. Thomas A. Clark, Claremont, 16.9 hp. Hupmobile.
997. Charles E. Smith, Exeter, 27.2 hp. Regal.
998. Herbert Dumaresq, Moultonborough, 40 hp. Pierce-Arrow.
999. Harrie M. Young, Manchester, 22.5 hp. Ford.
1000. Calvin Page, Portsmouth, 48.6 hp. Packard.
1001. George G. Fowler, Franklin, 10 hp. Oldsmobile.
1002. J. A. Toof, Keene, 36.1 hp. Stoddard.
1003. Isaac Hartley, Berlin, 22.5 hp. Ford.
1004. Charles E. Remick, Dover, 12.8 hp. Maxwell.
1005. William H. Moses, Tilton, 54.2 hp. Stevens-Duryea.
1006. George H. Grant, Portsmouth, 25.6 hp. Cadillac.
1007. Edward P. Warner, Ashland, 16.2 hp. Reo.
1008. Henry C. Shattuck, Nashua, 22.5 hp. Maxwell.
1009. Frederick G. Thomas, East Rochester, 25.6 hp. Buick.
1010. Margaret C. Sanders, Concord, 22.5 hp. Buick.
1011. Edward S. Wilson, Bridgewater, 28.9 hp. Overland.
1012. Walter C. O'Kane, Durham, 22.5 hp. Ford.
1013. William B. Ely, Pittsfield, 20 hp. Studebaker.
1014. Ralph B. Griffin, Franklin, 28.9 hp. Overland.
1015. J. M. Cheney, Ashland, 22.5 hp. Overland.
1016. Archie R. Wolcott, Woodsville, 12.8 hp. Maxwell.
1017. Ernest L. Griffin, Franklin, 32.5 hp. Cole.
1018. Fred W. Morse, Suncook, 28.9 hp. Maxwell.
1019. William King, Concord, 32.4 hp. Atlas.
1020. William H. C. Follansby, Exeter, 28.9 hp. Marion.
1021. William W. Cass, Pembroke, 20 hp. International.
1022. Clayton E. Sargent, Hanover, 30.5 hp. Cadillac.
1023. William R. Smyth, Keene, 10 hp. Stanley.
1024. Philip C. Smith, Haverhill, 22.5 hp. Ford.
1025. Nancy M. Partridge, West Concord, 22.5 hp. Ford.
1026. Samuel S. Case, Belmont, 27 hp. Elmore.
1027. Valentine Mathes, Dover, 36.1 hp. Oldsmobile.
1028. John A. Longstaff, Haverhill, 20 hp. Stanley.
1029. Woodbury H. Deerow, Lakeport, 16.2 hp. Maxwell.
1030. Fred Gonyer, Lincoln, 14.4 hp. Franklin.
1031. Roy Litchfield, Danbury, 25.6 hp. Warren.
1032. Charles E. Bartlett, Concord, 30 hp. Grabowsky.
1033. William R. Welcome, Concord, 20 hp. White.
1034. Benjamin P. Litch, Exeter, 25.6 hp. Oakland.
1035. H. G. Sergeant, Concord, 14.5 hp. Queen.
1036. Eugene A. Rowe, Concord, 32.4 hp. Cole.
1037. E. J. Best, Contoocook, 16.2 hp. Maxwell.
1038. Carroll L. McQuesten, Bedford, 22.5 hp. Hudson.
1039. A. G. Webster, Woodsville, 10 hp. Stanley.
1040. Walter H. Sargent, Concord, 25.6 hp. Overland.
1041. Harry G. Williams, Gilsum, 10 hp. Stanley.
1042. Carleton R. Metcalf, Concord, 25.6 hp. Reo.
1043. Nashua Coal & Coke Co., Nashua, 12.8 hp. Maxwell.
1044. Charles B. French, Manchester, 22.5 hp. Hudson.
1045. William White, Manchester, 25.6 hp. Hudson.
1046. George F. Hodgman, Concord, 16 hp. Maxwell.
1047. George L. Hancock, Franklin, 44.6 hp. Pope-Hartford.
1048. Adams L. Greer, Manchester, 22.5 hp. Overland.
1049. George W. Lowell, Concord, 12 hp. Autocar.
1050. Annis Flour & Grain Co., Manchester, 40 hp. Knox.
1051. Robert G. Lang, Manchester, 22.5 hp. Ford.
1052. George B. Underwood, Lancaster, 25.6 hp. Reo.
1053. William W. Boisvert, Manchester, 24 hp. Cameron.
1054. Harry Y. Nute, East Rochester, 25.6 hp. Maxwell.
1055. Charles H. Day, Manchester, 28.9 hp. Mitchell.
1056. Gustave Peyser, Portsmouth, 22.5 hp. Ford.
1057. Louis B. Marcou, Berlin, 32.4 hp. Buick.
1058. John G. W. Knowlton, Exeter, 22.5 hp. Ford.
1059. Daniel D. Seamans, Franklin, 32.4 hp. Buick.
1060. Arthur M. Hancock, Franklin, 43.8 hp. Stevens-Duryea.
1061. Oscar D. Loiselle, Grantham, 22.5 hp. Ford.
1062. Henry M. B. Stearns, West Rindge, 25.6 hp. Reo.
1063. Hiram R. Blanchard, Tilton, 25.6 hp. Hudson.
1064. James H. Creighton, Hampton Falls, 22.5 hp. Maxwell.
1065. William W. Allen, Concord, 22.5 hp. Ford.
1066. John H. Henry, Lincoln, 32.4 hp. Cadillac.

1067. Wilson F. Higgins, Manchester, 25.6 hp. Cadillac.
1068. Fessenden C. Ames, Nashua, 22.5 hp. Ford.
1069. O. W. Fernald, Gorham, 28.9 hp. Columbia.
1070. James Kearns, Manchester, 16.9 hp. Overland.
1071. Fordyce J. Thomas, Keene, 16.2 hp. Pope-Tribune.
1072. Charles S. Newton, Newport, 22.5 hp. Ford.
1073. Bertram T. Janvrin, Hampton Falls, 27.2 hp. Regal.
1074. George L. Lincoln, Concord, 24 hp. Elmore.
1075. Albert Covey, Nashua, 24 hp. Stevens-Duryea.
1076. Edward R. Jackson, Tilton, 22.5 hp. Ford.
1077. Dana W. Baker, Exeter, 16.9 hp. Ford.
1078. Otis Daniell, Tilton, 43.8 hp. Stevens-Duryea.
1079. Walter C. Libby, Gorham, 28.9 hp. Cadillac.
1080. Charles R. Grover, Nashua, 28.9 hp. Franklin.
1081. Bert Tuttle, Littleton, 25.6 hp. E. M. F.
1082. Moses E. Young, Berlin, 25.6 hp. Chalmers.
1083. William R. Clough, Alton, 22.5 hp. White.
1084. Ralph F. Seavey, Rochester, 32.4 hp. Buick.
1085. Israel C. Richardson, Littleton, 40 hp. Pierce-Arrow.
1086. William H. Prentiss, Keene, 20 hp. Stanley.
1087. Clarence F. Clough, Gilmanton, 18 hp. Reo.
1088. Delhi Spinney, Epping, 22.5 hp. Hupmobile.
1089. Eugene W. Evans, Berlin, 22.5 hp. Ford.
1090. Georgia G. Wells, Laconia, 28.9 hp. Maxwell.
1091. Joseph Trudell, Harrisville, 12.8 hp. Maxwell.
1092. F. O. Chellis, Newport, 32.4 hp. Buick.
1093. Franklin P. Fisher, Enfield, 22.5 hp. Ford.
1094. J. E. Mooney, Manchester, 36.1 hp. Stoddard.
1095. Leslie Wheeler, Candia, 12.8 hp. Maxwell.
1096. E. W. Bryant, Lebanon, 25.6 hp. Buick.
1097. Jay D. Hussey, Rochester, 36.1 hp. Winton.
1098. Dr. Walter Tuttle, Exeter, 32.4 hp. Cadillac.
1099. Frederick N. Walker, Manchester, 22.5 hp. Ford.
1100. Charles H. Carter, Concord, 30 hp. Buick.
1101. Adolph Demers, Berlin, 18.5 hp. Buick.
1102. Joseph Gagnon, Manchester, 25.6 hp. Overland.
1103. Thomas J. Powers, Lancaster, 22.5 hp. Ford.
1104. Earl C. Bodwell, Concord, 12 hp. Pierce.
1105. Clayton L. Bartlett, Cornish, 10 hp. Cadillac.
1106. Marion C. Smyth, Manchester, 40 hp. Stoddard-Dayton.
1107. Ira G. Colby, Claremont, 28.9 hp. Cadillac.
1108. Martin Perkins, Hinsdale, 16.9 hp. Hupmobile.
1109. Charles C. Buffum, Keene, 22.5 hp. Ford.
1110. Clarence H. Downs, Lebanon, 10 hp. Cadillac.
1111. Oscar F. Moreau, Manchester, 28.9 hp. Chalmers.
1112. Walter J. Yeaton, Haverhill, 28.9 hp. Mitchell.
1113. C. M. Akerman, Portsmouth, 25.6 hp. Cadillac.
1114. John H. Booth, Laconia, 25.6 hp. Hudson.
1115. William E. Sleeper, Concord, 25.6 hp. Overland.
1116. Eva M. Phillips, Portsmouth, 38 hp. Packard.
1117. Arthur E. Bartlett, Cornish, 25.6 hp. Cadillac.
1118. Harold A. Peart, Keene, 25.6 hp. Chalmers.
1119. Harry O. Woodbury, Salem, 16.2 hp. Buick.
1120. Orrin M. James, Northwood, 18 hp. Reo.
1121. Emmons B. Kerr, Newfields, 22.5 hp. Buick.
1122. Elmer S. Tilton, Laconia, 32.4 hp. Rambler.
1123. Lucien F. Loiselle, Manchester, 10 hp. Stanley.
1124. Edward H. Lord, Keene, 32.4 hp. Inter-State.
1125. Arthur M. Mills, Walpole, 22.5 hp. Ford.
1126. Leon E. Labombarde, Nashua, 28.9 hp. Parry.
1127. Ernest Holmes, Portsmouth, 12.8 hp. Maxwell.
1128. Walter Burbeck, Woodsville, 28.9 hp. Maxwell.
1129. Alfred G. Andrews, Littleton, 22.5 hp. Ford.
1130. Mark F. Piper, Stratham, 14 hp. International.
1131. William C. LaBombarde, Nashua, 32.5 hp. Peerless.
1132. Elmer Clark, Dover, 22.5 hp. Ford.
1133. Ernest A. Lothrop, Somersworth, 16.2 hp. Maxwell.
1134. Mary M. Sibley, Newport, 25.6 hp. Buick.
1135. French & Porter, Keene, 20 hp. Stanley.
1136. Arthur L. Wright, Keene, 40 hp. Packard.
1137. Lewis A. Ware, Hanover, 18 hp. Reo.

- 1138. Orrin J. Palmer, Dover, 10 hp. Stanley.
- 1139. George E. Dean, Rochester, 20 hp. International.
- 1140. Edward A. Chase, Plymouth, 20 hp. Columbia.
- 1141. James F. Cavanaugh, Manchester, 40 hp. Packard.
- 1142. Jeremiah J. Keating, Dover, 25.6 hp. Marion.
- 1143. Stephen A. Frost, Fremont, 54.1 hp. Stevens-Duryea.
- 1144. Charles H. Richmond, Rochester, 10 hp. Cadillac.
- 1145. Herbert D. Corson, Milton, 22.5 hp. Courier.
- 1146. James D. L. Janvrin, Hampton Falls, 27.2 hp. Regal.
- 1147. Willis T. Freeman, Claremont, 22.5 hp. Ford.
- 1148. Willard C. Fogg, Lincoln, 22.5 hp. Metz.
- 1149. Benjamin F. Greer, Grasmere, 25.6 hp. Jackson.
- 1150. Adelbert Gray, Rochester, 22.5 hp. Ford.
- 1151. Charles L. Clifford, Newton, 25.6 hp. Reo.
- 1152. Raymond U. Smith, Woodsville, 25.6 hp. Buick.
- 1153. Thomas D. Parrish, Nashua, 22.5 hp. Ford.
- 1154. George H. Dixon, Portsmouth, 25.6 hp. Overland.
- 1155. Ezra C. Chase, Plymouth, 20 hp. Reo.
- 1156. W. H. Moffatt, Berlin, 28.9 hp. Buick.
- 1157. Seth D. Chandler, Nashua, 3 hp. Waverly.
- 1158. Herbert A. Sheldon, Hancock, 36.1 hp. Speedwell.
- 1159. William R. Brackett, Plymouth, 36.1 hp. Stevens-Duryea.
- 1160. William F. Lessor, Portsmouth, 25.6 hp. Buick.
- 1161. Charles D. Williams, Hanover, 25.6 hp. Maxwell.
- 1162. John G. Dodge, Goffstown, 48.6 hp. Pierce-Arrow.
- 1163. John E. Epp, Loudon, 25.6 hp. Dragon.
- 1164. Arthur W. Mitchell, Troy, 20 hp. Crest.
- 1165. Everett E. Parker, Merrimack, 28.9 hp. Overland.
- 1166. Edward O. Spaulding, Keene, 22.5 hp. Hudson.
- 1167. Charles S. Newton, Newport, 40 hp. Chalmers.
- 1168. Herbert N. Lewis, Warner, 22.5 hp. Maxwell.
- 1169. Henry A. White, Plymouth, 12.8 hp. Ford.
- 1170. Raymond E. Stimson, Dover, 20 hp. Stanley.
- 1171. Charlie E. Chase, Laconia, 10 hp. Oldsmobile.
- 1172. Reed W. McLane, New Boston, 32.4 hp. Buick.
- 1173. Oscar J. Jenkins, Hampton Beach, 12.8 hp. Maxwell.
- 1174. T. J. E. Devoy, Concord, 30 hp. Abbot-Detroit.
- 1175. Leon E. Scruton, Portsmouth, 20 hp. Lambert.
- 1176. Foristall I. Morse, Henniker, 28.9 hp. Maxwell.
- 1177. Colonial Int. Ex. Co., Salem, Mass., 40 hp. Speedwell.
- 1178. L. E. Goodwin, Rochester, 22.5 hp. Ford.
- 1179. Charles A. Roby, Nashua, 32.4 hp. Cadillac.
- 1180. Felix A. Milette, Lakeport, 25.6 hp. Rambler.
- 1181. J. W. Oliver, Berlin, 32.4 hp. Oakland.
- 1182. Irving C. Faunce, East Rochester, 22.5 hp. Ford.
- 1183. Whitten Ludlow, Concord, 8 hp. Stanley.
- 1184. George E. Tucker, Bethlehem, 25.6 hp. Pierce-Arrow.
- 1185. John H. Parlin, Portsmouth, 25.6 hp. Overland.
- 1186. Wilbur C. Knight, Milton, 28.9 hp. Overland.
- 1187. E. L. and J. Grace Alexander, Winchester, 25.6 hp. Hudson.
- 1188. John P. Russell, Manchester, 32.4 hp. Mitchell.
- 1189. John J. Kane, Manchester, 28.9 hp. Mitchell.
- 1190. Fred L. Hill, Franklin, 25.6 hp. E. M. F.
- 1191. Peter Dana, Franklin, 22.5 hp. Ford.
- 1192. Elmer W. Hancock, Hillsborough, 16.2 hp. Maxwell.
- 1193. George H. Allen, Nashua, 32.4 hp. Cadillac.
- 1194. Charles E. Fisher, Rochester, 20.2 hp. Flanders.
- 1195. L. and S. Bowles, Lisbon, 22.5 hp. Ford.
- 1196. William C. Wilson, Manchester, 28.9 hp. Cadillac.
- 1197. Samuel J. Colcord, Exeter, 25.6 hp. Oakland.
- 1198. Vincent Amberg, Manchester, 22.5 hp. Ford.
- 1199. Robert A. Ware, Wilton, 20 hp. Rambler.
- 1200. William E. Corbin, Berlin, 32.4 hp. Cadillac.
- 1201. James E. Charnley, Manchester, 18 hp. Maxwell.
- 1202. Charles F. M. Stark, Dunbarton, 32.4 hp. Rambler.
- 1203. T. L. Brannen, Berlin, 27.2 hp. Regal.
- 1204. Ara L. Sargent, Lakeport, 10 hp. Cadillac.
- 1205. W. D. Allen, Farmington, 54.1 hp. Stevens-Duryea.
- 1206. E. P. Des Rochers, Manchester, 32.4 hp. Mitchell.
- 1207. Dr. Edward L. Casey, North Woodstock, 20.2 hp. Ford.

1208. H. E. Swan, Keene, 40 hp. Chalmers.  
1209.† Louis L. Harris, Greenland, 11.2 hp. Maxwell.  
1210. Frank E. Willey, Claremont, 22.5 hp. Ford.  
1211. Arthur A. Howe, Lebanon, 14.5 hp. Maxwell.  
1212. Eugene H. Fay, Claremont, 22.5 hp. Ford.  
1213. Blanche M. Haines, Danbury, 20 hp. Stanley.  
1214. Fred I. Reynolds, Dover, 25.6 hp. E. M. F.  
1215. Frank O. Ray, Nashua, 28.9 hp. Chalmers.  
1216.† Wilhelm H. Metze, Berlin, 10.5 hp. Rambler.  
1217. Byron Shaw, Northfield, 28.9 hp. Buick.  
1218. Lazare J. A. Gilbert, Berlin, 20 hp. Maxwell.  
1219. Ezra M. Wentworth, Nashua, 10 hp. Stanley.  
1220. Fred K. Corliss, Plymouth, 28.9 hp. Overland.  
1221. Grover C. Annis, Henniker, 16.2 hp. Maxwell.  
1222. George H. Johnson, Grafton, 9 hp. Reo.  
1223. Fred C. Sanborn, Wilton, 22.5 hp. Ford.  
1224. Charles F. Fearon, Manchester, 30 hp. Overland.  
1225. W. W. Goss, North Hampton, 28.9 hp. Cadillac.  
1226. Harry H. Bennett, East Tilton, 10 hp. Stanley.  
1227. J. L. Roberts, Laconia, 20 hp. Chase.  
1228. Benjamin F. Roberts, Meredith, 19.6 hp. Ford.  
1229. Charles E. Cate, Laconia, 16.2 hp. Maxwell.  
1230. Frank B. Ferguson, Somersworth, 16.2 hp. Maxwell.  
1231. George E. Balcom, Nashua, 38.4 hp. Stevens.  
1232. Louis A. Biron, Nashua, 22.5 hp. Ford.  
1233. Arthur H. Hill, Lebanon, 27.2 hp. Oakland.  
1234. William H. Appleton, Pembroke, 22.5 hp. Ford.  
1235. John E. Horne, Milton, 16.2 hp. Buick.  
1236. Perry B. Flanders, Andover, 28.9 hp. Buick.  
1237. Fred W. Brown, Berlin, 28.9 hp. Buick.  
1238. Lewis T. Frye, Nashua, 36 hp. Stevens-Duryea.  
1239. John Coe, Center Harbor, 10 hp. Franklin.  
1240. Andrew J. Sawyer, Manchester, 25.6 hp. Cadillac.  
1241. Edna A. Kennett, Fitzwilliam, 22.5 hp. Flanders.  
1242. Merton M. Willis, Gorham, 22.5 hp. Ford.  
1243. Joseph Geoffrion, Manchester, 22.5 hp. Ford.  
1244. Joseph S. Hennessey, Manchester, 25.6 hp. Overland.  
1245. Parker Flanders, Hopkinton, 28.9 hp. Overland.  
1246. Frank J. Berry, Portsmouth, 32.4 hp. Thomas.  
1247. James E. Whalley, Portsmouth, 22.5 hp. Ford.  
1248. Dr. E. F. Brown, Groveton, 25.6 hp. Buick.  
1249. George E. Garon, Manchester, 25.6 hp. E. M. F.  
1250. James Aiken, Franklin, 25.6 hp. Chalmers.  
1251. Charles B. Dubois, Nashua, 22.5 hp. Ford.  
1252. Olive H. Swenson, Manchester, 22.5 hp. Ford.  
1253. J. L. Roberts, Laconia, 22.5 hp. Ford.  
1254. Joseph G. Bergeron, Somersworth, 28.9 hp. Cadillac.  
1255. Jack Norworth, George's Mills, 24 hp. Hupmobile.  
1256. Edward W. Rollins, Dover, 40 hp. Packard.  
1257. George L. Gowen, Dover, 22.5 hp. Buick.  
1258. Harry W. Atwood, Reed's Ferry, 25.6 hp. Lambert.  
1259. Lloyd H. Cogswell, Warner, 16.2 hp. Maxwell.  
1260. Dr. George C. Wilkins, Manchester, 25.6 hp. Everitt.  
1261. John H. Moore, Atkinson, 19.6 hp. Ford.  
1262. Edwin B. Weston, Derry, 25.6 hp. Oakland.  
1263. Alex Henderson, Manchester, 25.6 hp. Cadillac.  
1264. Frank A. Wright, Keene, 40 hp. Peerless.  
1265. Frank L. M. Parker, Claremont, 19.6 hp. Ford.  
1266. Harry G. Emmons, Concord, 43.8 hp. Stevens.  
1267. Edith M. Fontaine, Manchester, 25.6 hp. Reo.  
1268. Frank M. Knowles, Concord, 32.4 hp. Buick.  
1269. George F. Burns, Milford, 22.5 hp. Maxwell.  
1270. Henry J. Putnam, Concord, 28.9 hp. Mitchell.  
1271. Sherman Hobbs, Pelham, 10 hp. Stanley.  
1272. James A. Wellman, Manchester, 2 hp. Rausch & Laing.  
1273. Myron I. Evans, Londonderry, 22.5 hp. Winton.  
1274. Mrs. Theodore Thomas, Bethlehem, 22.5 hp. Ford.  
1275. Benjamin F. Greer, Goffstown, 36.1 hp. Jackson.  
1276. James N. McLane, New Boston, 28.9 hp. Mitchell.  
1277. George W. Smith, Reed's Ferry, 27.2 hp. Lambert.



1278. Samuel G. Blaisdell, Milton, 22.5 hp. Ford.
1279. Mary K. Gowing, Dublin, 28.9 hp. Overland.
1280. Edward M. Clark, Pike, 28.9 hp. Maxwell.
1281. Arthur Greenough, Derry, 32.4 hp. Kissel Kar.
1282. Ernest E. Greer, Manchester, 22.5 hp. Ford.
1283. A. L. Couture, Manchester, 28.9 hp. Maxwell.
1284. Ervill O. Hayford, Laconia, 25.6 hp. Maxwell.
1285. Everett M. Fisher, Portsmouth, 25.6 hp. Hudson.
1286. Henry H. Dutton, Portsmouth, 32.4 hp. Cadillac.
1287. William H. Cadwell, Nashua, 43.8 hp. Franklin.
1288. George N. Andrews, Nashua, 25.6 hp. Reo.
1289. Edward C. Heath, Milton Mills, 16.2 hp. Ford.
1290. Arthur C. Chadwick, Newport, 16.2 hp. Buick.
1291. Owen Coogan, Dover, 32.4 hp. Pullman.
1292. William K. Robbins, Manchester, 38 hp. Peerless.
1293. Plates lost.
1294. Clifton S. Wilkins, Peterborough, 22.5 hp. Buick.
1295. Irving N. Cross, Nashua, 22.5 hp. Ford.
1296. Willis T. Dodge, Nashua, 25.6 hp. Reo.
1297. Walter S. Carlisle, Exeter, 28.9 hp. Reo.
1298. Dr. Ernest W. Lowe, Fremont, 22.5 hp. Ford.
1299. Herbert C. Dav, Exeter, 32.4 hp. Oakland.
1300. Frank S. Huckins, Ashland, 22.5 hp. Overland.
1301. George W. Tuttle & Son, Dover, 40 hp. Maxwell.
1302. A. Melvin Foss, Dover, 28.9 hp. Overland.
1303. Walter Cochrane, Enfield, 22.5 hp. Ford.
1304. John E. Dunbar, Amherst, 25.6 hp. Maxwell.
1305. Charles W. Blanchard, New Boston, 25.6 hp. Hudson.
1306. Ezra C. Goodwin, Dover, 25.6 hp. Oakland.
1307. Edwin P. Lindsay, Bristol, 28.9 hp. Overland.
1308. Dr. George V. Fiske, Manchester, 22.5 hp. Ford.
1309. Joseph H. Bushway, Lebanon, 16.2 hp. Maxwell.
1310. Mary Y. Williams, Exeter, 22.5 hp. Buick.
1311. A. Burt Palmer, Keene, 14 hp. Ford.
1312. Augustus H. Carter, Lebanon, 25.6 hp. Buick.
1313. Dr. Joseph Taylor, Manchester, 22.5 hp. Hudson.
1314. Scott W. Caswell, Dover, 25.6 hp. E. M. F.
1315. G. A. Clough, Contoocook, 16.2 hp. Buick.
1316. John F. Durrell, Concord, 10 hp. Stanley.
1317. Charles E. and Theodore Perry, Claremont, 22.5 hp. Cutting.
1318. Andros B. Jones, Nashua, 22.5 hp. Ford.
1319. Ernest A. Sargent, Haverhill, 32.5 hp. Buick.
1320. Edson K. Upton, Hancock, 32.4 hp. Cadillac.
1321. Arthur R. Whittier, Fremont, 19.6 hp. Ford.
1322. Melvin K. McLaughlin, Manchester, 16.2 hp. Maxwell.
1323. H. E. Miles, Berlin, 25.6 hp. Oakland.
1324. Laurence D. Colony, Keene, 18.2 hp. Franklin.
1325. Augustus H. Carter, Lebanon, 40 hp. Packard.
1326. Frank B. Banks, Enfield, 9.8 hp. Metz.
1327. Irma M. Renker, Manchester, 22.5 hp. Ford.
1328. John M. E. Dotev, New Boston, 22.5 hp. Ford.
1329. John M. Howe, Claremont, 25.6 hp. Hudson.
1330. Amos L. Hall, Merrimack, 18.2 hp. Hupmobile.
1331. William K. Kimball, Rochester, 20 hp. International.
1332. Seth D. Chandler, Nashua, 36.1 hp. Stevens-Duryea.
1333. James T. Buttrick, Portsmouth, 16.2 hp. Maxwell.
1334. Crosby B. Remick, Wakefield, 20 hp. Ford.
1335. C. E. and J. F. Goodwin and J. M. Davis, Northwood, 22.5 hp. Ford.
1336. H. Stanley Chase, Hopkinton, 25.6 hp. E. M. F.
1337. Joseph S. Morrill, Laconia, 43.8 hp. Stevens-Duryea.
1338. Walter H. True, Laconia, 22.5 hp. Ford.
1339. William R. Wallace, Bennington, 10 hp. Stanley.
1340. Chester A. Kimball, South Danville, 12.8 hp. Maxwell.
1341. William B. Burpee, Manchester, 32.4 hp. Cadillac.
1342. William D. Hazen, Lebanon, 25.6 hp. Hudson.
1343. Frederick A. Holmes, Franklin, 16.2 hp. Elmore.
1344. Dr. Auguste Guertin, Nashua, 25.6 hp. E. M. F.
1345. Elbridge B. Greenleaf, Raymond, 25.6 hp. Reo.
1346. Lillian L. Gardner, Raymond, 32.4 hp. Rambler.
1347. Bert F. Wood, Winchester, 20 hp. Stanley.



1348. A. J. Charbonneau, Berlin, 18 hp. Reo.
1349. Charles C. Clifford, Manchester, 32.4 hp. Buick.
1350. Charles R. Quinn, Portsmouth, 16.2 hp. Maxwell.
1351. Frank M. Parker, Hillsborough, 36.1 hp. Stoddard.
1352. Frank E. Foss, Rye, 12.8 hp. Maxwell.
1353. Ralph W. Jennings, Manchester, 10 hp. Stanley.
1354. John H. Brown, West Rye, 22.5 hp. Ford.
1355. Carrie L. Lowe, Lebanon, 22.5 hp. Hudson.
1356. Charles W. Rogers, Exeter, 25.6 hp. Regal.
1357. Arthur A. J. Poulin, Nashua, 25.6 hp. Chalmers.
1358. Union Grocery Co., Manchester, 22.5 hp. Ford.
1359. Cecil C. Shaw, Rochester, 32.4 hp. Imperial.
1360. George H. Fogg, Hancock, 28.9 hp. Overland.
1361. Israel Guertin, Manchester, 22.5 hp. Napier.
1362. Dixi A. Currie, Lebanon, 28.9 hp. Maxwell.
1363. George E. Mann, Woodsville, 10 hp. Stanley.
1364. W. R. Brown, Berlin, 25.6 hp. Stoddard.
1365. George N. Kent, Lancaster, 25.6 hp. Overland.
1366. Albert L. Paul, Lowell, Mass., 22.5 hp. Ford.
1367. John H. Gleason, Manchester, 54.1 hp. Stevens-Duryea.
1368. Alonzo Elliott & Co., Manchester, 22.5 hp. Ford.
1369. John W. Prescott, Raymond, 14.5 hp. Maxwell.
1370. William W. Wilson, Hollis, 32.4 hp. Cadillac.
1371. Charles F. Haseltine, Milford, 28.9 hp. Stoddard.
1372. Seth W. Dodge, Newport, 22.5 hp. Ford.
1373. Edrie A. Wade, Salem, 32.4 hp. Buick.
1374. Frank H. Lamson, Exeter, 22.5 hp. Ford.
1375. Philip McCoy, Manchester, 22.5 hp. Ford.
1376. Frank B. Hale, Nashua, 22.5 hp. Ford.
1377. Roy D. Witham, Exeter, 16.2 hp. Buick.
1378. Pennichuck Water-Works, Nashua, 10 hp. Cadillac.
1379. Horace Sawver, Rye Beach, 32.4 hp. Cadillac.
1380. Willis G. Meloan, Dover, 25.6 hp. Overland.
1381. Charles S. Fifield, Manchester, 22.5 hp. Ford.
1382. Harry B. Fisher, Manchester, 28.9 hp. Overland.
1383. Orlando S. Langley, Epping, 32.4 hp. Buick.
1384. Edwin C. Buck, Candia, 25.6 hp. Cadillac.
1385. J. E. Charnley, Manchester, 22.5 hp. Ford.
1386. Edward J. Snow, Walpole, 25.6 hp. Jackson.
1387. Frank A. Rogers, Newport, 22.5 hp. Ford.
1388. James C. Furness, Manchester, 22.5 hp. Ford.
1389. Charles S. Parker, Goffstown, 36.1 hp. Stevens-Duryea.
1390. Wilbur E. Powers, Andover, 16.2 hp. Elmore.
1391. Melvin M. Smith, Chesterfield, 22.5 hp. Ford.
1392. Albert H. Eastman, Berlin, 54.1 hp. Stevens-Duryea.
1393. Phineas W. Dickey, Manchester, 22.5 hp. Buick.
1394. John C. Furnald, Rochester, 20 hp. White.
1395. Thomas Officer, Claremont, 32.4 hp. Rambler.
1396. Eliza A. Whitehead, Dover, 25.6 hp. Hudson.
1397. Edwin B. Stiles, Alton, 16.2 hp. Maxwell.
1398. Harry A. Gregg, Nashua, 46 hp. American.
1399. Thomas A. Ward, Portsmouth, 25.6 hp. Buick.
1400. Arthur Bruce, East Canterbury, 28.9 hp. Overland.
1401. M. F. Emery, Tilton, 25.6 hp. Jackson.
1402. Ivan F. Dolloff, Plymouth, 22.5 hp. Ford.
1403. Mrs. G. H. Chandler, Manchester, 54.1 hp. Stevens-Duryea.
1404. Charles F. Sherwood, Lancaster, 8 hp. Cadillac.
1405. Charles R. Whiteher, Manchester, 25.6 hp. Hudson.
1406. W. J. Freeman, Manchester, 30 hp. Bergdol.
1407. W. J. Freeman, Manchester, 40 hp. Selden.
1408. Lewis J. Martell, Keene, 10 hp. Stanley.
1409. F. W. Sargeant, Manchester, 27.2 hp. Lenox.
1410. F. W. Sargeant, Manchester, 43.8 hp. Stevens-Duryea.
1411. Thomas R. Little, Salisbury, 16.2 hp. Buick.
1412. Byron K. and Arthur G. Symonds, Hopkinton, 28.9 hp. Maxwell.
1413. Winfield J. Mitchell, Pittsfield, 20 hp. Rambler.
1414. Dr. F. A. Stillings, Concord, 25.6 hp. Metzger.
1415. John H. Rice, Manchester, 32.4 hp. Elmore.
1416. Milon H. Raymond, Mt. Vernon, 19.6 hp. Buick.
1417. John B. Noyes, Berlin, 16.2 hp. Buick.

1418. Frank P. Lawrence, Tilton, 22.5 hp. Buick.
1419. William H. Breeden, Lakeport, 25.6 hp. Hudson.
1420. Peter Sanborn, Concord, 22.5 hp. Ford.
1421. W. S. Page, Concord, 9.8 hp. Maxwell.
1422. Joseph B. Ford, Milford, 28.9 hp. Marmon.
1423. William F. Cartland, Dover, 32.4 hp. Oakland.
1424. Edward W. Abbott, Concord, 20.2 hp. Flanders.
1425. R. H. Blanchard, Rochester, 40 hp. Packard.
1426. Osgood F. Upham, Merrimack, 22.5 hp. Ford.
1427. Henry V. Tittmore, Concord, 30 hp. Decatur.
1428. Board of Public Works, Manchester, 28.9 hp. Federal.
1429. Charles E. Moody & Co., Boston, Mass., 22.5 hp. Buick.
1430. Evarts A. Moody, Brentwood, 18 hp. Reo.
1431. George H. Dow, North Boscawen, 19.2 hp. Elmore.
1432. Maurice George, Laconia, 16.2 hp. Maxwell.
1433. George W. Bailey, Manchester, 22.5 hp. Overland.
1434. Ralph S. Nelson, Manchester, 36.1 hp. Oldsmobile.
1435. Charles F. Batchelder, Concord, 16.2 hp. Buick.
1436. Herbert E. Palmer, Woodsville, 22.5 hp. Ford.
1437. Burton C. Russell, Keene, 40 hp. Chalmers.
1438. Edmund H. Albee, Concord, 25.6 hp. Maxwell.
1439. William Schwartz, Bedford, 28.9 hp. Maxwell.
1440. Lester F. Thurber, Nashua, 48.6 hp. Pierce-Arrow.
1441. Albion E. Lang, Plainfield, 29.7 hp. Pope-Hartford.
1442. Leon A. Hutchinson, Milford, 40 hp. Rambler.
1443. George E. Fellows, Raymond, 25.6 hp. Maxwell.
1444. Keene Woodenware Co., Keene, 36.1 hp. Chalmers.
1445. William H. Foster, Concord, 24 hp. Stevens-Duryea.
1446. John F. Waters, Concord, 40 hp. Cole.
1447. Clarence D. Palmer, Manchester, 28.9 hp. Overland.
1448. H. J. Courser, Laconia, 12.8 hp. Maxwell.
- 1449.† J. E. Burgess and E. E. Hubbell, Manchester, 25.6 hp. Reo.
1450. Oscar L. Rand, Canaan, 32.4 hp. Nordyke-Marmon.
1451. Charles A. Brooks, Manchester, 22.5 hp. Ford.
1452. Philip F. Grenier, Manchester, 40 hp. Peerless.
1453. Henry E. Lake, Keene, 22.5 hp. Ford.
1454. Richard W. Sulloway, Franklin, 32.4 hp. Corbin.
1455. George W. Turney, Manchester, 22.5 hp. Overland.
1456. Sumner J. Gardner, Belmont, 22 hp. Atlas.
1457. Herbert H. Buffum, Weirs, 25.6 hp. Hudson.
1458. Edward J. Conrad, Lisbon, 22.5 hp. Ford.
1459. Whitfield A. Erb, Nashua, 43.8 hp. Thomas.
1460. Alexander A. Beaton, Franklin, 32.4 hp. Cole.
1461. Dwight E. Jennings, Winchester, 22.5 hp. Ford.
1462. Peter Girouard, Jr., Nashua, 16.9 hp. Franklin.
1463. C. H. MacRary, Manchester, 28.9 hp. Selden.
1464. Asa A. Fox, Milton Mills, 24.3 hp. Elmore.
1465. Harlan H. Leach, New Boston, 16.2 hp. Maxwell.
1466. William W. Whiting, Nashua, 32.4 hp. Cadillac.
1467. Orville E. Cain, Keene, 24 hp. Stoddard-Dayton.
1468. Edward C. Smith, Nashua, 28.9 hp. Firestone-Columbus.
1469. James P. Kimball, West Lebanon, 25.6 hp. Oakland.
1470. George L. Forbush, Peterborough, 22.5 hp. Ford.
1471. Andrew B. Bunton, Manchester, 22.5 hp. Overland.
1472. Fred H. Ward, Portsmouth, 32.4 hp. Cadillac.
1473. Charles W. Hunkins, Auburn, 32.4 hp. Overland.
1474. Leander F. Parker, North Woodstock, 19.8 hp. Chase.
1475. Charles J. Morin, Berlin, 16.2 hp. Buick.
1476. Frederic E. Wood, Kingston, 32.4 hp. Mora.
1477. Willard H. Griffin, Manchester, 38 hp. Peerless.
1478. Irving W. Rand, Rye, 22.5 hp. Buick.
1479. George S. Rogers, Lebanon, 48.6 hp. Winton.
1480. Henry B. Quinby, Laconia, 19.6 hp. Overland.
1481. William Warburton, Portsmouth, 32.4 hp. Cadillac.
1482. George M. Dodge, Littleton, 22.5 hp. Ford.
1483. John F. Cloutman, Farmington, 40 hp. Packard.
1484. Arthur M. Lavalley, Suncook, 25.6 hp. Jackson.
1485. Dwight Hall, Dover, 25.6 hp. Overland.
1486. Niles C. Brown, Hanover, 25.6 hp. Reo.
1487. E. E. Curry, Durham, 25.6 hp. Chalmers.

1488. Arthur Stackpole, Somersworth, 25.6 hp. Sampson.
1489. William F. Stockwell, Claremont, 22.5 hp. Ford.
1490. George C. Felton, Manchester, 10 hp. Stanley.
1491. Herman Rodelsperger, Manchester, 22.5 hp. Metz.
1492. Edward H. Wason, Nashua, 24 hp. Stevens-Duryea.
1493. Dr. A. F. Wheat, Manchester, 20¼ hp. Flanders.
1494. Carrie H. Elliott, Waterville, 32.4 hp. Chalmers.
1495. William W. Thompson, Laconia, 19.6 hp. Overland.
1496. Reed A. Lang, Sanbornville, 25.6 hp. Overland.
1497. Fred E. Wentworth, Newton, 11.2 hp. Maxwell.
1498. Dr. Henry H. Jewell, Nashua, 10 hp. Stanley.
1499. Frank W. Rogers, Dover, 32.4 hp. Moon.
1500. Frank E. Howe, Canaan, 18 hp. Reo.
1501. Channing Bishop, Bristol, 18 hp. Reo.
1502. Harry C. Whittemore, Manchester, 25.6 hp. Hudson.
1503. George A. Sylvester, Nashua, 32.4 hp. Corbin.
1504. Everett W. Gage, Dover, 25.6 hp. Overland.
1505. Charles C. Goss, Dover, 36 hp. Stevens-Duryea.
1506. William A. Hesselstine, Claremont, 22.5 hp. Ford.
1507. Ralph M. Lovejoy, Penacook, 38 hp. Jackson.
1508. Curtis A. Davis, Laconia, 22.5 hp. Ford.
1509. Fred S. Appleton, Exeter, 28.9 hp. Cadillac.
1510. Joe Houle, Manchester, 12.8 hp. Maxwell.
1511. Wilbur B. Shaw, Portsmouth, 19.6 hp. Buick.
1512. A. B. Davis, Tilton, 25.6 hp. Reo.
1513. Albert H. Caldwell, Milford, 28.9 hp. Overland.
1514. C. Prescott Edwards, Wilton, 27.2 hp. Regal.
1515. Arthur E. Streeter, Franconia, 25.6 hp. Overland.
1516. Herbert W. Owen, Dover, 28.9 hp. Overland.
1517. Archibald L. Mackie, East Kingston, 12.8 hp. Maxwell.
1518. Arthur W. Moulton, West Campton, 22.5 hp. Buick.
1519. John H. Davis, Nashua, 22.5 hp. Ford.
1520. Fred Oldfield, Portsmouth, 20 hp. Maxwell.
1521. Fred R. Brown, West Swanzey, 25.6 hp. Pickard.
1522. George W. Baldwin, Pittsburg, 10 hp. Cadillac.
1523. Frank H. Heald, Milford, 48.6 hp. Winton.
1524. Harry B. Holmes, Winchester, 25.6 hp. Maxwell.
1525. Eugene B. Gerrish, Lebanon, 10 hp. Cadillac.
1526. Bartley A. Carleton, Mountainview, 22.5 hp. Metz.
1527. James L. Gibson, North Conway, 26.2 hp. Packard.
1528. Louise J. Cogswell, Derry, 25.6 hp. E. M. F.
1529. Frank E. Anderson, Nashua, 54.1 hp. Alco.
1530. Michael C. Mullin, Nashua, 32.4 hp. Cadillac.
1531. Joseph W. Dinsmoor, Windham, 25.6 hp. E. M. F.
1532. William P. Sweeney, Claremont, 25.6 hp. Overland.
1533. Ernest F. Hollman, Manchester, 25.6 hp. Paterson.
1534. Thomas F. Moran, Nashua, 36.1 hp. Stevens-Duryea.
1535. J. Frank Farnham, Union, 25.6 hp. Hudson.
1536. Charles Bly Smith, Wilton, 20 hp. Rambler.
1537. George H. Jones, New Durham, 36.1 hp. Pope-Hartford.
1538. Frank T. Collins, Alton, 28.9 hp. Columbia.
1539. Frank D. Kimball, Manchester, 20.2 hp. Overland.
1540. Dr. John F. Holmes, Manchester, 22.5 hp. Hudson.
1541. A. T. Morse, Charlestown, 32.4 hp. Marmon.
1542. E. M. Bray, Whitefield, 25.6 hp. Oakland.
1543. Langdon B. Parsons, Rye, 25.6 hp. Overland.
1544. Edward C. Shaw, Portsmouth, 22.5 hp. Ford.
1545. Arthur H. Furber, North Conway, 24 hp. Cameron.
1546. Arthur H. King, Dover, 16.9 hp. Buick.
1547. Peter Girouard, Pittsfield, 27¼ hp. Marion.
1548. T. Scott Danforth, Bradford, 32.4 hp. Oakland.
1549. Elmer D. Kelley, Franklin, 25.6 hp. Elmore.
1550. Irving B. Weed, Claremont, 12.8 hp. Reo.
1551. J. H. Mendell Co., Manchester, 25.6 hp. Hudson.
1552. Joseph C. Tinker, Keene, 25 hp. Stanley.
1553. Franklin Ripley, Troy, 20 hp. Stanley.
1554. Carrie E. Storrs, Concord, 12.8 hp. Maxwell.
1555. Everett E. Griffin, Derry, 32.4 hp. Oakland.
1556. Nash Simons, Wilton, 36 hp. Stevens-Duryea.
1557. George D. Mowe, Franklin, 25.6 hp. Overland.

1558. Melzer I. Stevenson, Fremont, 25.6 hp. Overland.
1559. Ralph L. Collins, Danville, 22.5 hp. Ford.
1560. George S. Fossa, Nashua, 14.5 hp. Maxwell.
1561. Edwin S. Gage, Nashua, 16.2 hp. Maxwell.
1562. George W. S. Platts, Troy, 25.6 hp. Chalmers.
1563. Dr. Eugene B. Dunbar, Manchester, 22.5 hp. Ford.
1564. Linwood B. Emery, Troy, 19.6 hp. Ford.
1565. George Hambleton, Goffstown, 32.4 hp. Cadillac.
1566. Edward L. Stone, Fitzwilliam Depot, 20 hp. Stanley.
1567. William H. Hart, Plainfield, 25.6 hp. Hudson.
1568. Fred H. Nourse, Lancaster, 28.9 hp. Mitchell.
1569. Leslie M. Folsom, Manchester, 38 hp. Peerless.
1570. Harry B. Yeaton, Portsmouth, 25.6 hp. Overland.
1571. D. B. Mitchell, Littleton, 32.4 hp. Cadillac.
1572. Eugene E. Applin, Keene, 22.5 hp. Overland.
1573. Walter J. Dudley, Raymond, 25.6 hp. Everitt.
1574. Orville W. Brunell, Nashua, 25.6 hp. Autocar.
1575. Winston Churchill, Cornish, 32.4 hp. Cadillac.
1576. Ralph F. Chase, Fitzwilliam Depot, 20 hp. Stanley.
1577. Donald C. McLachlan, Greenland, 22.5 hp. Buick.
1578. Fred Cormier, Manchester, 22 hp. Buick.
1579. H. M. Lewis, Nashua, 22.5 hp. Regal.
1580. William T. Giguere, Manchester, 25.6 hp. Firestone-Columbus.
1581. Frank H. Sargent, Pittsfield, 22.5 hp. Hudson.
1582. Abial W. Rolfe, Penacook, 22.5 hp. Ford.
1583. Dr. A. J. Rowe, Penacook, 22.5 hp. Ford.
1584. Edmund C. Shattuck, Jaffrey, 30 hp. Stanley.
1585. Willis G. Buxton, Boscawen, 32.4 hp. Cadillac.
1586. Edward K. Gove, Concord, 10 hp. Stanley.
1587. Emma G. Ferrin, Franklin, 25.6 hp. Reo.
1588. Moses R. Marshall, Manchester, 36.1 hp. Stoddard-Dayton.
1589. Edgar A. Wells, Loudon, 25.6 hp. Hudson.
1590. Charles W. Brown, Concord, 28.9 hp. Jackson.
1591. Henry E. Rice, Nashua, 32.4 hp. Cadillac.
1592. Edward E. Rice, New Durham, 33  $\frac{3}{4}$  hp. Mitchell.
1593. H. W. Chamberlin, Concord, 12 hp. Knox.
1594. Louis A. Engel, Concord, 22.5 hp. Ford.
1595. J. W. Wilbur & Co., Bristol, 18 hp. Reo.
1596. Albert M. Spaulding, Rumney, 25.6 hp. Overland.
1597. William P. Van Housen, Thornton, 20 hp. Reo.
1598. John Roach, Concord, 25.6 hp. Overland.
1599. William H. Kiniry, North Walpole, 28.9 hp. Cadillac.
1600. Fernando W. Hartford, Portsmouth, 32.4 hp. Cadillac.
1601. Albion A. Veasey, Bristol, 20 hp. Stanley.
1602. James W. Brehaut, Manchester, 25.6 hp. Overland.
1603. Fred L. Bragdon, Kingston, 25.6 hp. Overland.
1604. Charles M. Bailey, Rochester, 20 hp. Stanley.
1605. Frank F. Hoyt, Hopkinton, 10 hp. Stanley.
1606. Olaf Olson, Berlin, 19.6 hp. Elmore.
1607. Henry Milburn, Manchester, 22.5 hp. Ford.
1608. Joseph H. Foster, Reed's Ferry, 22.5 hp. Ford.
1609. Edward C. Wingate, Nashua, 25.6 hp. E. M. F.
1610. Burton T. Gaskill, Nashua, 28.9 hp. Chalmers.
1611. Elmer J. Bartlett, Warner, 22.5 hp. Maxwell.
1612. Bartlett Bros., Warner, 28.9 hp. Maxwell.
1613. Leforest Davis, Conway, 5 hp. Stanley.
1614. John Goebel & Sons, Berlin, 32.4 hp. Abbott.
1615. F. Katherine McDonough, Portsmouth, 32.4 hp. Cadillac.
1616. Frederic D. Shear, New York City, 48.6 hp. Pierce-Arrow.
1617. Arthur Cantin, Goffstown, 22.5 hp. Buick.
1618. Abbie F. Moseley, Concord, 31.6 hp. Franklin.
1619. Percy A. Hooper, Goffstown, 32.4 hp. Buick.
1620. Pauline B. Bradford, Portsmouth, 22.5 hp. Ford.
1621. Charles W. Haywood, Nashua, 14.5 hp. Maxwell.
1622. Alvin W. Sanders, Pittsfield, 32.4 hp. Cadillac.
1623. Frank A. Bogardus, Canaan, 22.5 hp. Ford.
1624. Thomas W. Lothrop, Dover, 32.4 hp. Cadillac.
1625. Dr. B. Frank Horne, Conway, 25.6 hp. Buick.
1626. George R. Ruffle, Nashua, 25.6 hp. Maxwell.
1627. Thomas Chalmers, Manchester, 27.2 hp. Regal.

1628. Dr. Charles S. Valcour, Nashua, 36.1 hp. Stevens-Duryea.
1629. Elbert N. McNally, Groveton, 12.8 hp. Maxwell.
1630. Charles H. Farnham, Dover, 28.9 hp. Overland.
1631. William D. Parsons, Portsmouth, 12.8 hp. Maxwell.
1632. Amelia C. Mayer, Exeter, 25.6 hp. Buick.
1633. Bowles & Hoskins Co., Lisbon, 22 hp. Buick.
1634. Clarence H. Durgin, Manchester, 36.1 hp. Stoddard-Dayton.
1635. Delcie D. Bean, East Jaffrey, 32.4 hp. Buick.
1636. Daniel P. Stearns, Charlestown, 22.5 hp. Ford.
1637. Willis J. Sanborn, Laconia, 16.2 hp. Galloway.
1638. Charles W. Adams, Franklin, 43.8 hp. Stevens-Duryea.
1639. Amos J. Wheeler, Nashua, 28.9 hp. Maxwell.
1640. John B. Howard, Hanover, 9.8 hp. Maxwell.
1641. Edward J. Hendee, Claremont, 25.6 hp. Hudson.
1642. Herschel J. Fowler, Keene, 27.2 hp. Stoddard-Dayton.
1643. Mark Shultis, Newbury, 29 hp. Pope-Hartford.
1644. William E. Smith, Franklin, 25.6 hp. Reo.
1645. Dr. E. R. B. McGee, Berlin, 22.5 hp. Krit.
1646. Byron F. Hayes, Dover, 28.9 hp. Maxwell.
1647. William L. Sands, Berlin, 16.9 hp. Hupmobile.
1648. Charles F. Bingham, Littleton, 22.5 hp. Hudson.
1649. Osborn W. Ramsey, Rochester, 27.2 hp. Regal.
1650. Ora V. Norcross, Keene, 20 hp. Stanley.
1651. Oscar P. Johnson, Nashua, 36.1 hp. Stoddard-Dayton.
1652. Harry L. Clow, Lakeport, 28.9 hp. Maxwell.
1653. Susan Hinchman, East Jaffrey, 22.5 hp. Buick.
1654. Herbert H. Trufant, Milton Mills, 10 hp. Cadillac.
1655. Burns P. Hodgman, Concord, 32.4 hp. Buick.
1656. Valentine A. Hett, Portsmouth, 22.5 hp. Ford.
1657. Arthur L. Edmunds, Franklin, 25.6 hp. Cadillac.
1658. Mark Shultis, Newbury, 36.1 hp. Pope-Hartford.
1659. Irving F. Wales, Keene, 4.2 hp. Orient.
1660. I. G. Giberson, Groveton, 22.5 hp. Ford.
1661. Harry F. and Mary G. Colburn, Dover, 25.6 hp. Marion.
1662. Alice J. Shillaber, Portsmouth, 12.8 hp. Maxwell.
1663. Marshie A. Mowe, Portsmouth, 22.5 hp. Ford.
1664. Frank A. Littlefield, Nashua, 36 hp. Stevens-Duryea.
1665. George Knott, Portsmouth, 16.9 hp. R. C. H.
1666. Alvin Townsend, Peterborough, 32.4 hp. Cadillac.
1667. George A. Kemp, Portsmouth, 10 hp. Cadillac.
1668. Frank H. Rowe, Concord, 32.4 hp. Cole.
1669. Charles M. Rand, Rye, 22.5 hp. Ford.
1670. City Garage Co., Nashua, 22 hp. Sampson.
1671. Everett O. Barrett, Wilton, 24 hp. Stevens-Duryea.
1672. Frank L. Mottram, Londonderry, 14.4 hp. Stevens-Duryea.
1673. Harry L. Jenkins, Barnstead, 22.5 hp. Ford.
1674. Daniel J. Daley, Berlin, 28.9 hp. Overland.
1675. George F. Upham, Merrimack, 22.5 hp. Ford.
1676. Philip Laverdiere, Littleton, 25.6 hp. Cadillac.
1677. Roland H. Boutwell, Exeter, 40 hp. Rambler.
1678. Robert J. Kirkpatrick, Portsmouth, 32.4 hp. Buick.
1679. Lowell A. Rowe, Somersworth, 25.6 hp. Maxwell.
1680. John W. Morrison, Rochester, 20.2 hp. Flanders.
1681. Augustus P. Morse, Chester, 22.5 hp. Maxwell.
1682. George H. Towle, Jr., Newmarket, 16.9 hp. Hupp.
1683. George A. Fairbanks, Newport, 40 hp. National.
1684. Thomas F. Sheridan, Moultonborough, 40 hp. Diamond.
1685. Rufus P. Gardner, Franklin, 25.6 hp. Hudson.
1686. Carl A. Hall, Concord, 32.4 hp. Buick.
1687. Frank O. Lovering, Loudon, 28.9 hp. Buick.
1688. George H. Berry, Concord, 9.8 hp. Metz.
1689. J. B. Crosby, Concord, 27.2 hp. Regal.
1690. W. M. Cressy, Concord, 40 hp. Rambler.
1691. Charles E. Fogg, Concord, 20 hp. Northern.
1692. Mary P. Remick, Concord, 25.6 hp. Hudson.
1693. P. A. Corey, Littleton, 8 hp. Stanley.
1694. Clara L. Webber, West Concord, 22.5 hp. Ford.
1695. Emery G. West, Pembroke, 22.5 hp. Buick.
1696. Arthur E. Wiesner, Manchester, 27.2 hp. Overland.
1697. John B. Straw, Woodsville, 22.5 hp. Krit.



1698. Herbert A. Downing, North Weare, 20 hp. Maxwell.
1699. Clarence W. Adams, Warner, 16.2 hp. Maxwell.
1700. Robert Rantoul, Concord, 25.6 hp. Chalmers.
1701. Wilbur J. Evans, Farmington, 22.5 hp. Ford.
1702. Edward S. George, Manchester, 33.7 hp. Mitchell.
1703. George F. Rich, Berlin, 22.5 hp. Ford.
1704. Harvey B. Fullington, Hanover, 25.6 hp. Reo.
1705. Paul Ramsey, Berlin, 25.6 hp. Buick.
1706. Mrs. J. H. Livesey, Goffstown, 25.6 hp. Chalmers.
1707. John E. Kent, Newmarket, 28.9 hp. Packard.
1708. Dr. George H. Shedd, Conway, 18.2 hp. Franklin.
1709. John H. Hayes, Manchester, 36.1 hp. Firestone-Columbus.
1710. George C. Jewell, Plaistow, 28.9 hp. Pope-Hartford.
1711. Thomas K. Cushman, Dover, 28.9 hp. Maxwell.
1712. Frederick A. Hale, Laconia, 12 hp. Maxwell.
1713. Charles N. Dodge, Hampton Falls, 22.5 hp. Ford.
1714. George W. Hazelton, Littleton, 22.5 hp. Ford.
1715. D. B. McGregor, Londonderry, 34.2 hp. Overland.
1716. William F. Meserve, Salem, 25.6 hp. Cadillac.
1717. Fred J. Greenwood, Portsmouth, 25.6 hp. Chalmers.
1718. Bertram M. Tilton, Portsmouth, 25.6 hp. Cadillac.
1719. The Portsmouth Furniture Co., Portsmouth, 40 hp. Columbia.
1720. Myra J. Copp, Derry, 32.4 hp. Kissel Kar.
1721. Henry C. Whipple, Bristol, 22.5 hp. Metz.
1722. Willis A. Frost, Berwick, Me., 22.5 hp. Ford.
1723. Percy W. Russell, Harrisville, 32.4 hp. Stevens-Duryea.
1724. Lucena M. Elliot, Manchester, 48.6 hp. Winton.
1725. Jason Kidder, Franklin, 28.9 hp. Overland.
1726. Harry J. Whitecomb, Lancaster, 25.6 hp. Hudson.
1727. Phillip L. Renaud, Berlin, 22.5 hp. Ford.
1728. Frederic A. Faulkner, Keene, 38.4 hp. Pierce-Arrow.
1729. Mrs. William R. Varick, Manchester, 40 hp. Speedwell.
1730. Woodbury Davison, Manchester, 18 hp. Ford.
1731. John B., Arthur N. and Joseph E. Gendron, Berlin, 25.6 hp. Buick.
1732. John H. Wilson, Berlin, 25.6 hp. Buick.
1733. Harry R. Chase, Wilton, 25.6 hp. Studebaker.
1734. Clyde C. Brown, Franklin, 22.5 hp. Ford.
1735. William A. Tipert, Berlin, 22.5 hp. Metz.
1736. Walter D. H. Hill, North Conway, 27.2 hp. Hudson.
1737. Charles P. Dodge, Amherst, 32.4 hp. Cadillac.
1738. Allen B. Willoughby, Holderness, 40 hp. Packard.
1739. Fred S. Gray, Rochester, 10 hp. Stanley.
1740. Fred H. Bean, Bristol, 18 hp. Reo.
1741. Henry A. Guptill, Berwick, Me., 22.5 hp. Ford.
1742. G. L. Sadler, Nashua, 22.5 hp. Franklin.
1743. Reuben W. Carlton, Goffstown, 22.5 hp. Ford.
1744. William N. Rand, Nashua, 10 hp. Cadillac.
1745. David Cross, Manchester, 43.8 hp. Stevens-Duryea.
1746. W. H. Woodcock, Bristol, 18 hp. Reo.
1747. George E. Gowen, Stratham, 24 hp. McIntire.
1748. Charles W. Howard, Nashua, 36.1 hp. Stevens-Duryea.
1749. John N. Leonard, Piermont, 22 hp. Buick.
1750. Elmer L. Stevens, Gorham, 19.6 hp. Ford.
1751. Mary A. Pickering, Concord, 25.6 hp. Paterson.
1752. Francis W. Falconer, Raymond, 32.4 hp. Cadillac.
1753. Edward P. S. Andrews, West Windham, 14.5 hp. Ford.
1754. Alice H. Ellis, Keene, 32.4 hp. Cadillac.
1755. Winthrop L. Carter, Nashua, 32.4 hp. Cadillac.
1756. G. F. Little, Keene, 22.5 hp. Buick.
1757. Franklin Light & Power Co., Franklin, 16.5 hp. Buick.
1758. Frank E. Goodridge, Gorham, 22.5 hp. Ford.
1759. John E. Benton, Keene, 22.5 hp. Regal.
1760. Fred A. Robbins, Portsmouth, 10 hp. Cadillac.
1761. Ancil B. Hunt, Lebanon, 25.6 hp. Overland.
1762. Harry A. Bowles, Franconia, 22.5 hp. Buick.
1763. Frank L. Bowen, North Richmond, 27.2 hp. Regal.
1764. Frank Gray, Dover, 16.2 hp. Buick.
1765. Chester H. Roundy, Newport, 22.5 hp. Ford.
1766. Grant M. Hall, Keene, 28.9 hp. Mitchell.
1767. Frank C. Patten, Bristol, 10 hp. Reo.



1768. Fred O. Wheeler, Salem Depot, 20 hp. Buick.  
1769. Frank Hall, Epsom, 22.5 hp. Ford.  
1770. John Buntin, Dunbarton, 22.5 hp. Overland.  
1771. William H. Topping, Manchester, 28.9 hp. Cadillac.  
1772. Ada F. Quinn, West Concord, 14.5 hp. Maxwell.  
1773. John Swenson, Concord, 32.5 hp. Cadillac.  
1774. A. Wright Saltus, Concord, 16.9 hp. Hupmobile.  
1775. Dr. Ralph H. Barker, Derry, 22.5 hp. Maxwell.  
1776. Harris Pike, Farmington, 25.6 hp. Hudson.  
1777. L. A. Beaudet, Exeter, 28.9 hp. Mitchell.  
1778. M. A. H. Hart, Milton, 25.6 hp. Maxwell.  
1779. Henry W. Loxton, Manchester, 22.5 hp. Ford.  
1780. George W. Russell, Conway, 40 hp. Chalmers.  
1781. Emma F. Edgerly, Raymond, 28.9 hp. Cadillac.  
1782. Joseph A. Filion, Newmarket, 28.9 hp. Maxwell.  
1783. Napoleon H. Gilbert, Somersworth, 32.4 hp. Cadillac.  
1784. Dr. Arthur M. Fernald, Sutton, 28.9 hp. Maxwell.  
1785. John A. Gleason, Dublin, 28.9 hp. Electric Vehicle.  
1786. Isadore Paquette, Berin, 22.5 hp. Buick.  
1787. Leland C. Bartlett, Tamworth, 32.4 hp. Ford.  
1788. Ernest H. Mitchell, Lancaster, 25.6 hp. Buick.  
1789. Joseph E. Soucey, Rollinsford, 25.6 hp. Maxwell.  
1790. Josephine B. Green, Portsmouth, 32.4 hp. Cadillac.  
1791. Fred B. Brooks, Greenfield, 32.4 hp. Buick.  
1792. Ernest J. Flather, Nashua, 28.9 hp. Franklin.  
1793. Emanuel Vien, Berlin, 28.9 hp. Buick.  
1794. Fred F. Foot, Francestown, 16.2 hp. Buick.  
1795. Fred L. Smart, Rye, 8.1 hp. Cadillac.  
1796. Edward L. Kittredge, Milford, 16.2 hp. Maxwell.  
1797. Albert H. Drake, Rye, 19.6 hp. Overland.  
1798. Walter L. Tufts, Portsmouth, 22.5 hp. Ford.  
1799. William Henderson, Bristol, 8 hp. Reo.  
1800. George F. Mitchell, Pittsfield, 22.5 hp. Ford.  
1801. Carl J. Whiting, Raymond, 12.8 hp. Maxwell.  
1802. F. Jules Sirois, Berlin, 25.6 hp. Buick.  
1803. Burton C. Russell, Keene, 25.6 hp. Hudson.  
1804. Ida T. Eastman, Littleton, 32.4 hp. Cadillac.  
1805. Richard T. Eastman, Littleton, 32.4 hp. Cadillac.  
1806. William H. Thompson, Claremont, 22.5 hp. Ford.  
1807. Arthur A. Stearns, Claremont, 22.5 hp. Ford.  
1808. Fred S. Proctor, West Gonic, 12.8 hp. Autocar.  
1809. A. J. Walbridge & Son, Peterborough, 25.6 hp. Hudson.  
1810. William C. Coughlin, Keene, 36.1 hp. Stoddard-Dayton.  
1811. Simpson C. Heald, Wilton, 32.4 hp. Rambler.  
1812. John Lawton, Lebanon, 25.6 hp. E. M. F.  
1813. Walter C. Cleveland, Exeter, 32.4 hp. Buick.  
1814. George W. Jeffrey, Walpole, 22.5 hp. Ford.  
1815. George E. Drake, North Woodstock, 28.9 hp. Mitchell.  
1816. A. Gaspard Gelinas, Rochester, 25.6 hp. Ford.  
1817. Edgar J. Wells, Walpole, 22.5 hp. Ford.  
1818. John King, Manchester, 28.9 hp. Mitchell.  
1819. Benjamin F. Moulton, Sanbornville, 22.5 hp. Ford.  
1820. Simon H. Brown, Manchester, 28.9 hp. Cadillac.  
1821. Ned G. English, Lisbon, 32.4 hp. Jackson.  
1822. Walter S. Lawson, Somersworth, 36 hp. Stevens-Duryea.  
1823. Joseph St. Clair, Gorham, 32.4 hp. Buick.  
1824. Frank E. Moses, Groveton, 25.6 hp. E. M. F.  
1825. Arthur Normand, Manchester, 22.5 hp. Mitchell.  
1826. Forrest S. Lowell, Hinsdale, 28.9 hp. Maxwell.  
1827. Fred J. Shonyo, Merrimack, 20 hp. Stanley.  
1828. George B. Currie, Woodsville, 10 hp. Stanley.  
1829. James McGloughlin, Laconia, 40 hp. Speedwell.  
1830. Edwin J. Stickney, Hampton, 25.6 hp. Reo.  
1831. Alanson R. Brewer, Bristol, 22.5 hp. Metz.  
1832. Fanny S. Wallace, Rochester, 22.5 hp. Ford.  
1833. Oscar G. Smith, Lakeport, 7 hp. Oldsmobile.  
1834. Homer G. Wheeler, Starrking, 25.6 hp. E. M. F.  
1835. Clarence J. Brooks, Berlin, 16.2 hp. Buick.  
1836. William H. Crawford, Starrking, 20.2 hp. Flanders.  
1837. John F. Philbrick, Meredith, 22.5 hp. Buick.  
1838. G. D. Stratton, Laconia, 28.9 hp. Maxwell.

1839. Lillian D. Beals, Keene, 32.4 hp. Cadillac.
1840. Willis P. Emerson, Alton Bay, 28.9 hp. Maxwell.
1841. Theodore Morin, Berlin, 32.4 hp. Buick.
1842. Forrest W. Martin, Nashua, 22.5 hp. Ford.
1843. Isaac T. Reney, Grantham, 28.9 hp. Overland.
1844. Willis F. Hough, Lebanon, 38 hp. Peerless.
1845. William Evans, East Kingston, 32.4 hp. Cadillac.
1846. Herbert H. French, Lisbon, 20 hp. Elmore.
1847. Orville F. Varrell, Portsmouth, 22.5 hp. Ford.
1848. Charles F. Appleton, Dublin, 25.6 hp. Hudson.
1849. Merrill G. Symonds, East Jaffrey, 32.4 hp. Buick.
1850. Frank W. Walsh, Farmington, 22.5 hp. Buick.
1851. Dr. Charles Blazo, Rochester, 22.5 hp. Ford.
1852. Elmer P. Nichols, Manchester, 40 hp. Knox.
1853. Wells R. Sargent, Keene, 20 hp. Stanley.
1854. Charles H. Foss, Rochester, 32.4 hp. Rambler.
1855. Byron E. Redman, Hampton, 20 1/4 hp. Flanders.
1856. G. E. Dean, Rochester, 28.9 hp. Maxwell.
1857. William N. Hodgdon, Portsmouth, 14.2 hp. Maxwell.
1858. Frank H. Rand, Rye, 10 hp. Cadillac.
1859. John Brown, New Boston, 10 hp. Stanley.
1860. George F. Farrar, Peterborough, 22.5 hp. Ford.
1861. Glea L. Rand, Bradford, 28.9 hp. Maxwell.
1862. Henry L. Sanderson, Nashua, 16.2 hp. Maxwell.
1863. Ervin A. Tappan, North Woodstock, 72.6 hp. Welch.
1864. Hucksins Bros., Ossipee, 22.5 hp. White.
1865. John D. Proctor, Keene, 28.9 hp. Overland.
1866. Ernest O. Chellis, West Swanzey, 25.6 hp. Cadillac.
1867. Frank P. Evans, Tamworth, 28.9 hp. Maxwell.
1868. Forest E. Kelley, Pelham, 22.5 hp. Ford.
1869. Philip H. Faulkner, Keene, 28.9 hp. Chalmers.
1870. Dr. J. B. Hyland, Keene, 25.6 hp. Overland.
1871. Homer C. Lowe, Rochester, 28.9 hp. Mitchell.
1872. Alfred E. Fish, Peterborough, 22.5 hp. Ford.
1873. Harry W. Carter, Boscawen, 25.6 hp. Buick.
1874. John M. Stevens, Rochester, 27.2 hp. Reo.
1875. Alfred M. Allen, Fabyans, 28.9 hp. Pierce-Arrow.
1876. Ernest A. Paige, North Weare, 28.9 hp. Maxwell.
1877. I. Gilman Lunt, Center Harbor, 32.5 hp. Inter-State.
1878. Fred L. and Nettie R. Howe, Sutton, 20 hp. Rambler.
1879. Fred F. Charles, Chatham, 22.5 hp. Ford.
1880. J. M. Couture, Groveton, 14.4 hp. Ford.
1881. J. William Peaslee, Plaistow, 22.5 hp. Ford.
1882. G. Roscoe Marsh, North Hampton, 25.6 hp. Maxwell.
1883. Edmund W. Allen, Bretton Woods, 25.6 hp. Elmore.
1884. Dr. Dennis M. Shea, Nashua, 40 hp. Packard.
1885. W. A. Bishop, North Woodstock, 34.2 hp. Overland.
1886. Frederick E. Cummings, Concord, 28.9 hp. Firestone-Columbus.
1887. James A. Bruce, Claremont, 25.6 hp. Reo.
1888. Frank B. Weaver, Greenville, 10 hp. Stanley.
1889. Arthur P. Lavande, Claremont, 25.6 hp. Overland.
1890. Edward W. Rollins, Dover, 36.1 hp. Avery.
1891. Ezra C. Chase, Plymouth, 32.4 hp. Cadillac.
1892. Edward M. Bodwell, Milton, 22.5 hp. Locomobile.
1893. Clarence C. Bartlett, Laconia, 22.5 hp. Ford.
1894. Harry S. Hurd, Somersworth, 16.2 hp. Maxwell.
1895. George W. Griffin, Franklin, 28.9 hp. Overland.
1896. Alvah M. Stevens, Orford, 22.5 hp. Ford.
1897. Dr. Harry E. Anderson, Acton, Me., 16.9 hp. Hupmobile.
1898. Charles A. McNeill, Lebanon, 25.6 hp. Reo.
1899. Fred H. Billard, Berlin, 27.2 hp. Stoddard-Dayton.
1900. Alvin B. Cross, Concord, 28.9 hp. Maxwell.
1901. Fred A. Barton, Lempster, 25.6 hp. Buick.
- 1902.† George A. Litchfield, Keene, 28.9 hp. Chalmers.
1903. George E. Miller, Pembroke, 25.6 hp. Cadillac.
1904. Edwin D. Clough, Concord, 25.6 hp. Hudson.
1905. Eugene L. Hutchins, Rochester, 25.6 hp. Buick.
1906. J. L. Loverin, Tilton, 32.4 hp. Velie.
1907. Maxwell Ice Co., Manchester, 36.1 hp. Stearns.
1908. Harry Gray, Concord, 20 hp. Ford.

1909. Kendall & Foster, Concord, 20 hp. Stanley.
1910. William M. Emerson, Concord, 22.5 hp. Overland.
1911. Peoples Gas Light Co., Manchester, 22.5 hp. Ford.
1912. John W. Lowry, Concord, 22.5 hp. Ford.
1913. Henry E. Rainville, Franklin, 19.6 hp. Ford.
1914. Henry Marble, Gorham, 10 hp. Stanley.
1915. Oliver Merrill, Londonderry, 28.9 hp. Blomstrom.
1916. C. F. Young, Pittsfield, 22.5 hp. Ford.
1917. James H. Welch, Concord, 40 hp. Knox.
1918. Edward Connelly, Henniker, 28.9 hp. Maxwell.
1919. William E. Straw, Concord, 22.5 hp. Ford.
1920. Walter S. Clark, Kingston, 27.2 hp. Overland.
1921. George Rublee, Cornish, 32.4 hp. Cadillac.
1922. Wesley Smith, Manchester, 16.2 hp. Maxwell.
1923. D. Ned Davis, Franklin, 25.6 hp. E. M. F.
1924. Nelson L. Buxton, Henniker, 14.5 hp. Maxwell.
1925. Charles W. Cogswell, Franklin, 25.6 hp. Jackson.
1926. Howard L. Gordon, Salem, 24 hp. Buick.
1927. Carl H. Merrill, East Andover, 20 hp. Rambler.
1928. William W. Flanders, Sunapee, 38 hp. Peerless.
1929. George E. Bates, Mont Vernon, 16.9 hp. Reo.
1930. Lena M. Minot, Concord, 22.5 hp. Buick.
1931. Charles S. Perry, Hillsborough, 22.5 hp. Ford.
1932. Mary A. Swigert, Bethlehem, 32.4 hp. Buick.
1933. Arthur M. Dunston, Groveton, 28.9 hp. Overland.
1934. Guy Nason, Berwick, Me., 9 hp. Reo.
1935. John H. Reardon, Nashua, 22.5 hp. Buick.
1936. Edwin H. Colby, Whitefield, 25.6 hp. Maxwell.
1937. Eva B. Emery, Kingston, 25.6 hp. Maxwell.
1938. J. Wendall Kimball, Lancaster, 22.5 hp. Maxwell.
1939. Fred B. Spaulding, Lancaster, 25.6 hp. Buick.
1940. Carl E. Pinkham, Milton, 27.2 hp. Nyberg.
1941. Charles E. Wendell, Dover, 20.2 hp. Flanders.
1942. Homer H. Marks, Berlin, 22.5 hp. Ford.
1943. Carl O. Seaman, Manchester, 22.5 hp. Ford.
1944. Dr. C. E. Hight, Groveton, 32.4 hp. Cadillac.
1945. Frederick H. Simes, Milton Mills, 27.2 hp. Pope-Hartford.
1946. Mary A. Nutting, Meredith, 28.9 hp. Chalmers.
1947. Samuel B. Abbott, Dover, 25.6 hp. Overland.
1948. Joseph J. Cobb, Berlin, 22.5 hp. Ford.
1949. Mrs. Thomas W. Sanders, Dublin, 25.6 hp. E. M. F.
1950. Amos J. Peaslee, Concord, 22.5 hp. Ford.
1951. John W. Cox, Epsom, 22.5 hp. Ford.
1952. M. A. Cousens, Berlin, 28.9 hp. Buick.
1953. Charles C. Schoolcraft, Concord, Waverly.
1954. Charles L. Jeffroy, Bristol, 22.5 hp. Overland.
- 1955.† Jesse A. Lord, Franklin, 18 hp. Reo.
1956. George Blanchet, Manchester, 36 hp. Olds.
1957. Herbert Waldron, Dover, 32.4 hp. Rambler.
1958. Fred S. Rowe, Plymouth, 25.6 hp. Everitt.
1959. B. L. Richardson, Gorham, 22.5 hp. Hudson.
1960. Martin V. Purmort, Lebanon, 20 hp. Maxwell.
1961. Frank L. Clarke, Manchester, 28.9 hp. Cadillac.
1962. William H. Drew, Conway, 12.8 hp. Maxwell.
1963. Burton G. Seavey, Keene, 22.5 hp. Buick.
1964. William N. Colby, Chester, 25.6 hp. Maxwell.
1965. Merrill Shurtleff, Lancaster, 28.9 hp. Overland.
1966. Iver Johnson, Berlin, 18 hp. Reo.
1967. Harvey Veino, South Acworth, 28.9 hp. Maxwell.
1968. Amon O. Benfield, Portsmouth, 22 hp. Buick.
1969. Edward E. Twombly, Colebrook, 25.6 hp. Maxwell.
1970. Bert J. Fellows, Manchester, 43.8 hp. Thomas.
1971. Moses M. Ralph, Troy, 20 hp. Rambler.
1972. Walter L. Todd, Hinsdale, 29.7 hp. Knox.
1973. Dr. Clarence E. Butterfield, Suncook, 22.5 hp. Hudson.
1974. Albert E. Rand, Portsmouth, 24 hp. Schacht.
1975. John H. Sugden, Portsmouth, 22.5 hp. Ford.
1976. G. Fred Drew, Portsmouth, 30 hp. Stanley.
1977. Arthur E. Gay, Nashua, 6.4 hp. Brush.
1978. John R. Ronald, Exeter, 24.2 hp. Northern.

1979. Arthur C. Gowing, Lisbon, 22.5 hp. Ford.
1980. Edwin Hawkridge, Boston, Mass., 36.1 hp. Knox.
1981. Edwin Hawkridge, Boston, Mass., 60 hp. Pierce.
1982. Bert F. Todd, Manchester, 22.5 hp. Ford.
1983. Pearl T. Haskell, Concord, 12.5 hp. Maxwell.
1984. Herbert F. Leach, New Boston, 22.5 hp. Ford.
1985. George W. Rogers, Warner, 17.1 hp. Michigan.
1986. Larochelle & Kelly, Berlin, 18 hp. Reo.
1987. Allan L. Huntington, South Danville, 22.5 hp. Buick.
1988. Mrs. A. W. Hill, Concord, 32.4 hp. Buick.
1989. John D. Gardiner, Nashua, 25.6 hp. Chalmers.
1990. Downing V. Osborn, Farmington, 32.4 hp. Cadillac.
1991. Arthur E. Gay, Nashua, 16.9 hp. Franklin.
1992. Francis E. Drake, Rye Beach, 48.6 hp. Garford.
1993. Ernest Caron, Nashua, 25.6 hp. E. M. F.
1994. Henry B. and Alonzo L. Clow, Laconia, 28.9 hp. Maxwell.
1995. Fanny M. Ferguson, North Weare, 25.6 hp. Pope-Hartford.
1996. Frank A. Stark, Goffstown, 25.6 hp. Overland.
1997. Almon W. Griswold, Hancock, 32.4 hp. Buick.
1998. Robert A. Ray, Keene, 22.5 hp. Overland.
1999. Charles H. Sinclair, Concord, 32.4 hp. Buick.
2000. George A. S. Kimball, Concord, 28.9 hp. Mitchell.
2001. William C. Coughlin, Keene, 16.9 hp. Whiting.
2002. A. C. Stewart, Concord, 22.5 hp. Ford.
2003. George E. Law, Nashua, 22.5 hp. Ford.
2004. Arthur B. Jenks, Manchester, 36.1 hp. Firestone-Columbus.
2005. Harley B. Roby, Concord, 32.4 hp. Buick.
2006. Josiah Carpenter, Manchester, 48.6 hp. Stevens-Duryea.
2007. Edward A. Spaulding, Hudson, 25.6 hp. Reo.
2008. Charles D. Parker, Hollis, 40 hp. Rambler.
2009. Michael J. Lowe, Lancaster, 22.5 hp. Buick.
2010. W. P. Rice, Bethlehem, 25.6 hp. Rainier.
2011. Harry H. Boynton, Lisbon, 25.6 hp. Overland.
2012. George F. Jolbert, Berlin, 25.6 hp. E. M. F.
2013. Fred L. Trask, Portsmouth, 7.2 hp. Long Distance.
2014. Arthur D. Wentworth, Portsmouth, 25.6 hp. Chalmers.
2015. John H. Dickinson, Ashuelot, 25.6 hp. Buick.
2016. E. B. Pike, Pike, 32.4 hp Buick.
2017. David A. Mosher, Keene, 25.6 hp. E. M. F.
2018. Charles E. Trafton, Portsmouth, 22.5 hp. Overland.
2019. Wilfred K. Dexter, Lisbon, 25.6 hp. Maxwell.
2020. Charles A. Preston, Greenville, 22 hp. Buick.
2021. Cris B. Sanborn, Laconia, 16.2 hp. Atlas.
2022. Richard L. Beckwith, Center Sandwich, 48 hp. Packard.
2023. Fred W. Lydston, Portsmouth, 32.4 hp. Cadillac.
2024. Abbie S. Morrison, Franklin, 36.1 hp. Stevens-Duryea.
2025. Herbert T. Jenkins, Portsmouth, 22.5 hp. Maxwell.
2026. J. Warren Tilton, Exeter, 32.4 hp. E. M. F.
2027. Wyman K. Flint, Antrim, 36 hp. Stevens-Duryea.
2028. Frank E. Otis, Manchester, 20 hp. Buick.
2029. Benton R. Lyster, Whitefield, 25.6 hp. Everitt.
2030. Walter S. Walker, Dummer, 25.6 hp. Buick.
2031. David J. Adams, Concord, 25.6 hp. Overland.
2032. George D. Huntley, Concord, 22.5 hp. Buick.
2033. Frank Amidon, Fitzwilliam, 48.6 hp. Stevens-Duryea.
2034. Charles W. Follansbee, Concord, 22.5 hp. Ford.
2035. Clara B. Foster, Boscawen, 22.5 hp. Ford.
2036. George P. Wallace, Manchester, 22.5 hp. Ford.
2037. George H. Brown, Manchester, 27.2 hp. Overland.
2038. Albert E. J. Hurd, Somersworth, 18 hp. Reo.
2039. Charles O. Banfill, Lakeport, 12.8 hp. Maxwell.
2040. Charles A. Weaver, New Boston, 22.5 hp. Mitchell.
2041. George E. French, Portsmouth, 54 hp. Stevens-Duryea.
2042. Fred B. Olson, Berlin, 9.8 hp. Home-made.
2043. Arthur E. Eastman, Manchester, 32.4 hp. Oldsmobile.
2044. Walter H. Abbott, Hillsborough, 22.5 hp. Mitchell.
2045. Leonard A. Brown, Concord, 36.1 hp. Stoddard-Dayton.
2046. Everett L. and Nellie M. W. Davis, Penacook, 22.5 hp. Regal.
2047. C. D. Steele, Manchester, 25.6 hp. Stoddard-Dayton.
2048. Paul F. Babbidge, Keene, 22.5 hp. Overland.



2049. Mark M. Blanchard, Concord, 32.4 hp. Rambler.
2050. Cecil C. Craft and Henry H. Bean, Concord, 22.5 hp. Ford.
2051. Carl A. Danforth, Bradford, 25.6 hp. Cadillac.
2052. James J. Dowd, Manchester, 25.6 hp. Everitt.
2053. Charles A. Price, Gilmanton, 18 hp. Reo.
2054. George W. Sargent, Keene, 18.2 hp. Ford.
2055. Wilfred Bourgoin, Salmon Falls, 25.6 hp. Overland.
2056. Page & Bushman, Laconia, 28.9 hp. Buick.
2057. Dublin Stage Co., Harrisville, 30 hp. Stanley.
2058. Arthur F. Weston, Keene, 25.6 hp. Chalmers.
2059. G. A. Bean, Reed's Ferry, 22.5 hp. Ford.
2060. James H. Johnson, Bradford, 22.5 hp. Maxwell.
2061. E. H. Holmes, Manchester, 25.6 hp. Marion.
2062. W. S. Bugbee, Lakeport, 25.6 hp. Buick.
2063. W. C. E. Nobles, Littleton, 22.5 hp. Ford.
2064. A. F. Sanborn, Fremont, 22.5 hp. Ford.
2065. Fred J. Perkins, Bartlett, 22.5 hp. Ford.
2066. Roscoe Dyer, Manchester, 25.6 hp. Overland.
2067. Edward C. Hoisington, Claremont, 22.5 hp. Ford.
2068. David A. Gregg, Nashua, 40.9 hp. Pierce-Arrow.
2069. Dr. Frank Blaisdell, Goffstown, 12.8 hp. Maxwell.
2070. William B. Cunningham, Boscawen, 19.6 hp. Hudson.
2071. Hartley L. Wormhood, Rochester, 10 hp. Stanley.
2072. Amon O. Benfield, Portsmouth, 22.5 hp. Ford.
2073. Almon F. Weeks, Sanbornville, 16.9 hp. Hupmobile.
2074. Laura Shea, Pelham, 25.6 hp. Paterson.
2075. Fred W. Ireland, Dover, 25.6 hp. Stoddard-Dayton.
2076. C. F. H. Freese, Pittsfield, 36 1-16 hp. Stevens.
2077. George C. Currier, Bristol, 25.6 hp. Reo.
2078. George M. Goodwin, Manchester, 25.6 hp. Overland.
2079. Edgar R. Perkins, Claremont, 22.5 hp. Ford.
2080. Edgard Lavallee, Suncook, 10 hp. Stanley.
2081. W. W. Wolcott, South Danbury, 22 hp. Buick.
2082. George L. Theobald, Concord, 22.5 hp. Ford.
2083. Carroll S. King, Manchester, 28.9 hp. Columbia.
2084. L. M. P. Hardy, New Ipswich, 16.2 hp. Buick.
2085. George W. Richardson, West Swanzey, 14.4 hp. Ford.
2086. John A. Fisher, Nashua, 3 1/2 hp. Baker.
2087. Herbert E. Hutchins, East Canterbury, 6 1/2 hp. Stanley.
2088. Rapid Mailing Bureau, Manchester, 25.6 hp. Overland.
2089. W. E. Paul, agent, Portsmouth, 22.5 hp. Buick.
2090. Warren E. Gregory, Franklin, 22.5 hp. Krit.
2091. Victor Swenson, New London, 29.8 hp. Imperial.
2092. Arthur A. Spinney, Portsmouth, 19.6 hp. Overland.
2093. Alonzo J. Flint, Newport, 10 hp. Oldsmobile.
2094. Diversi Fruit Co., Concord, 22.5 hp. Buick.
2095. W. Henry Flint, Concord, 22.5 hp. Ford.
2096. Intervale Country Club, Manchester, 40 hp. Packard.
2097. James Aiken, Franklin, 32.4 hp. Cole.
2098. David B. Plumer, Bristol, 28.9 hp. Overland.
2099. Lizzie A. Plummer, Rollinsford, 28.9 hp. Maxwell.
2100. William A. Maclean, Center Harbor, 25.6 hp. Reo.
2101. Theodore A. Peart, Claremont, 22.5 hp. Buick.
2102. William K. McFarland, Concord, 34.2 hp. Welch.
2103. Fred G. Vancore, Colebrook, 25.6 hp. Maxwell.
2104. Arthur H. Sawyer, Exeter, 25.6 hp. Buick.
2105. Harold Hayes, Raymond, 27.2 hp. Overland.
2106. Shirley M. Johnson, Goffstown, 36 hp. Stevens-Duryea.
2107. Shirley M. Johnson, Goffstown, 36 hp. Stevens-Duryea.
2108. Thomas J. McIntyre, Nashua, 22.5 hp. Ford.
2109. Joseph P. Sherburn, Franconia, 25.6 hp. Buick.
2110. George W. Weymouth, Lyme, 22.5 hp. Ford.
2111. Edwin G. Eastman, Exeter, 28.9 hp. Overland.
2112. Harold H. Bennett, Portsmouth, 36.1 hp. Stevens-Duryea.
2113. Claude M. Sneden, Littleton, 22.5 hp. Ford.
2114. Edson A. Ordway, North Rochester, 10 hp. Cadillac.
2115. Bert L. Peaslee, Merrimack, 9 hp. Reo.
2116. Frank A. Martin, Danbury, 22.5 hp. Ford.
2117. Ernest E. Scott, East Wakefield, 25.6 hp. E. M. F.
2118. Albert E. Sanborn, Laconia, 25.6 hp. Maxwell.

- 2119. Ralph L. Hett, Portsmouth, 20.2 hp. Ford.
- 2120. Joseph St. Yves, Manchester, 32.4 hp. Velie.
- 2121. R. W. Pillsbury, Derry, 54.1 hp. Stevens-Duryea.
- 2122. Harry E. Stackpole, Portsmouth, 12.8 hp. Maxwell.
- 2123. D. H. McIntosh, Portsmouth, 30 hp. Decatur.
- 2124. F. E. Glidden, Berlin, 18 hp. Reo.
- 2125. Roscoe B. Goodwin, Claremont, 6 hp. Stanley.
- 2126. Edmund Burke, Berlin, 25.6 hp. E. M. F.
- 2127. Leonard G. Smith, Manchester, 36.1 hp. Stoddard-Dayton.
- 2128. Albert Bernard & Son, Whitefield, 32.4 hp. Oakland.
- 2129. Justin B. Sargent, West Lebanon, 16.2 hp. Maxwell.
- 2130. E. T. Hardy, Manchester, 22.5 hp. Hudson.
- 2131. Robert J. Doyle, Nashua, 38.4 hp. Franklin.
- 2132. Frank E. Blanchard, New Boston, 22.5 hp. Ford.
- 2133. Frank P. Carpenter, Manchester, 25.4 hp. Stevens-Duryea.
- 2134. John C. Lewis, Salmon Falls, 28.9 hp. Maxwell.
- 2135. Arthur K. Gleason, Manchester, 22.5 hp. Ford.
- 2136. Lucien W. Coy, Chesterfield, 16.2 hp. Maxwell.
- 2137. Almon L. True, Epping, 32.4 hp. Columbus.
- 2138. Rufus W. Young, Laconia, 8 hp. Reo.
- 2139. George H. Morrison, Whitefield, 48.6 hp. Packard.
- 2140. Edward C. Dimond, Grafton, 22.5 hp. Ford.
- 2141. Robert S. Pike, Milton Mills, 22.5 hp. Buick.
- 2142. Dr. George S. Hazard, Hollis, 19.6 hp. Regal.
- 2143. George H. Gile, Candia, 32.4 hp. Cadillac.
- 2144. Wesley C. Dennison, Hillsborough, 22.5 hp. Maxwell.
- 2145. Bertha M. Hayden, Hollis, 28.9 hp. Case.
- 2146. Willard M. Jenkins, Exeter, 32.4 hp. Abbott.
- 2147. I. Howard Atherton, Union, 28 hp. Maxwell.
- 2148. James G. Fellows, Pembroke, 48.6 hp. Peerless.
- 2149. Frank W. Kendall, Goffstown, 43.8 hp. Stevens-Duryea.
- 2150. Ira F. Harris, Nashua, 32.4 hp. Cadillac.
- 2151. Cornelius H. Emerson, Derry, 16.9 hp. Hupmobile.
- 2152. Edwin W. Shaw, North Haverhill, 25.6 hp. Maxwell.
- 2153. Leander Page, Swanzev, 27.2 hp. Overland.
- 2154. Ernest Bomhower, Lebanon, 25.6 hp. Overland.
- 2155. George H. Bayes, Dover, 25.6 hp. Studebaker.
- 2156. James C. Piper, Stratham, 14 hp. International.
- 2157. James C. Piper, Stratham, 14 hp. International.
- 2158. A. J. Robinson, Brentwood, 10 hp. White.
- 2159. Wilder J. Prince, Milford, 10 hp. Stanley.
- 2160. Hugh R. Banagan, Lebanon, 20 hp. Columbia.
- 2161. Richard E. Wilder, Whitefield, 25.6 hp. Buick.
- 2162. Edwin P. Hodgdon, Lakeport, 25.6 hp. E. M. F.
- 2163. Ernest F. Osgood, Berlin, 22.5 hp. Ford.
- 2164. Augustus A. Melendy, Lyndeborough, 22.5 hp. Ford.
- 2165. Fred A. McLeod, Gorham, 20 hp. Maxwell.
- 2166. J. M. Russell, Somersworth, 28.9 hp. Maxwell.
- 2167. Edgar A. Stevens, Bartlett, 25.6 hp. Maxwell.
- 2168. Edwin C. Clark, Keene, 28.9 hp. Maxwell.
- 2169. George H. Calley, Bristol, 18 hp. Reo.
- 2170. James W. Berry, Stratham, 25.6 hp. Maxwell.
- 2171. Charles A. Folsom, Manchester, 22.5 hp. Hudson.
- 2172. Wilfred E. Nason, Exeter, 25.6 hp. Abbott.
- 2173. Zerah E. Tilton, Bristol, 18 hp. Reo.
- 2174. H. Fisher Eldredge, Portsmouth, 40 hp. Pierce.
- 2175. George W. Nowell, West Campton, 25.6 hp. Franklin.
- 2176. Charles A. Emery, Manchester, 22.5 hp. Ford.
- 2177. William Pitman, Bartlett, 22.5 hp. Ford.
- 2178. Fred C. Hall, Belmont, 20 hp. Buick.
- 2179. E. C. Messer & Son, Bradford, 28.9 hp. Maxwell.
- 2180. Allen E. Perkins, Littleton, 22.5 hp. Ford.
- 2181. Ernest C. Robes, Amherst, 19.6 hp. Winton.
- 2182. Hugh A. Beaton, Milton, 22.5 hp. Ford.
- 2183. Orton B. Brown, Berlin, 40 hp. Thomas.
- 2184. Dr. John C. Kenney, Tilton, 25.6 hp. Buick.
- 2185. Joseph O. Turcotte, Manchester, 25.6 hp. Regal.
- 2186. Harry W. Wilson, Derry, 22.5 hp. Ford.
- 2187. Charles H. Clark, Francestown, 14.4 hp. Reo.
- 2188. Thomas C. Clow, Lakeport, 22.5 hp. Ford.



2189. E. A. Cole, Claremont, 16.2 hp. Buick.
2190. Walter W. Hayes, Groveton, 12.8 hp. Maxwell.
2191. Wilbur H. White, Deerfield, 22.5 hp. Ford.
2192. Fred E. and J. L. Thorpe, Lisbon, 25.6 hp. Reo.
2193. William V. Sweetland, Jackson, 25.6 hp. E. M. F.
2194. Nathan G. Coffin, Plymouth, 22.5 hp. Ford.
2195. Philippe E. Beaudoin, Berlin, 32.4 hp. Cadillac.
2196. Samuel T. Ladd, Portsmouth, 16.2 hp. Maxwell.
2197. A. E. McKeen, Groveton, 28.9 hp. Overland.
2198. E. O. Gilbert, Berlin, 25.6 hp. Buick.
2199. Theodore W. Woodman, Dover, 25.6 hp. Overland.
2200. Solon A. Carter, Concord, 28.9 hp. Maxwell.
2201. E. M. Nichols, Ashland, 48 hp. Winton.
2202. Henry A. McLachlan, Marlborough, 20 hp. Stanley.
2203. Christopher A. Welch, Pittsfield, 36.1 hp. Firestone-Columbus.
2204. William J. Decato, Laconia, 22.5 hp. Overland.
2205. Fred E. Lane, Keene, 48.6 hp. Winton.
2206. Dr. F. L. Hawkins, Meredith, 22.5 hp. Ford.
2207. William H. Barrett, Lisbon, 12.8 hp. Ford.
2208. F. Von Tobel, Lebanon, 22.5 hp. Buick.
2209. George H. Lesure, Keene, 40 hp. Knox.
2210. Albert S. Bartlett, Manchester, 28.9 hp. Overland.
2211. Almon G. Harris, Penacook, 32.4 hp. Cadillac.
2212. S. B. Tarrant, Manchester, 36.1 hp. Overland.
2213. Harry Gilmore, Exeter, 12.8 hp. Maxwell.
2214. James G. Veino, Bennington, 25.6 hp. Mitchell.
2215. Sidney H. Dodge, New Boston, 25.6 hp. Hudson.
2216. Clifford E. Higgins, Wilton, 22.5 hp. Flanders.
2217. William A. Dyke, Lisbon, 32.4 hp. Buick.
2218. George C. Colby, Nashua, 36 hp. Modern.
2219. John H. Merrill, Andover, 14.5 hp. Maxwell.
2220. John C. Marshall, Manchester, 36.1 hp. Speedwell.
2221. Dr. Herbert A. White, Rye, 22.5 hp. Buick.
2222. Harry K. Torrey, Newfields, 22.5 hp. Ford.
2223. Dr. Harry L. Craft, Sanbornville, 22.5 hp. Ford.
2224. Ernest W. Nye, Sandown, 22.5 hp. Ford.
2225. Charles F. Eastman, South Weare, 16.2 hp. Buick.
2226. G. Irving Fuller, Contoocook, 25.6 hp. Maxwell.
2227. John H. Stevens, Acton, Me., 25.6 hp. Overland.
2228. Henry G. Boynton, Hampton, 10.5 hp. Metz.
2229. Frank E. Fernald, East Rochester, 22.5 hp. Ford.
2230. Mahlon B. Darbe, South Danville, 22.5 hp. Maxwell.
2231. Granville K. Howard, Bartlett, 28.9 hp. Maxwell.
2232. Erastus T. Hutchins, Bristol, 18 hp. Reo.
2233. Ralph W. Pike, Manchester, 25.6 hp. Overland.
2234. Willard O. Carey, Milford, 10 hp. Stanley.
2235. Charles S. Lovell, Portsmouth, 22.5 hp. Mitchell.
2236. William A. Crawford, Jefferson Highlands, 28.9 hp. Mitchell.
2237. Robert J. Elliot, Manchester, 22.5 hp. Ford.
2238. John A. Brown, Strafford, 20 hp. Reo.
2239. William J. Kershaw, Portsmouth, 22.5 hp. Buick.
2240. George E. Pender, Portsmouth, 20.2 hp. Flanders.
2241. Dr. Howard A. Hanaford, Newport, 28.9 hp. Buick.
2242. Dr. Byron D. Pease, Greenville, 16.2 hp. Buick.
2243. Albert E. Strain, Littleton, 28.9 hp. Mitchell.
2244. William M. Lord, Wakefield, 25.6 hp. Reo.
2245. Floyd A. Hutchins, Carroll, 22.5 hp. Metz.
2246. Henry F. Shepard, Wolfeboro, 28.9 hp. Maxwell.
2247. Hervey D. Melendy, Nashua, 18 hp. Reo.
2248. George H. Gleason, Canterbury, 25.6 hp. Overland.
2249. Ethel B. Lamprey, Kensington, 20.2 hp. Flanders.
2250. Martha F. R. Perry, Rindge, 60 hp. Knox.
2251. Napoleon Bournival, Manchester, 22.5 hp. Overland.
2252. Philip W. Pierce, Winchester, 32.5 hp. Overland.
2253. Clarence G. Farmer, Newport, 22.5 hp. Ford.
2254. Frank P. Felton, Manchester, 28.9 hp. Stearns.
2255. Arthur L. Turcotte, Newmarket, 26 hp. Packard.
2256. Thomas H. Samson, Berlin, 22.5 hp. Ford.
2257. Charles A. Hoitt Co., Manchester, 26.4 hp. Packard.
2258. Richard W. Ellis, Claremont, 10 hp. Cadillac.

- 2259. Harold W. Bridge, Concord, 25.6 hp. Buick.
- 2260. Davis & Clough, Haverhill, 22.5 hp. Buick.
- 2261. Davis & Clough, Haverhill, 32.4 hp. Buick.
- 2262. Howard P. Warren, Keene, 28.9 hp. Chalmers.
- 2263. Charles H. Dana, Jr., West Lebanon, 28.9 hp. Buick.
- 2264. Charles E. Smith, Nashua, 43.8 hp. Stevens-Duryea.
- 2265. William H. Bellows, Littleton, 28.9 hp. Cadillac.
- 2266. Chester A. Kent, Lisbon, 14.5 hp. Buick.
- 2267. Carl J. Sanborn, Gilmanton, 36.1 hp. Stevens.
- 2268. Archie F. Precourt, Manchester, 22.5 hp. Ford.
- 2269. A. W. Hopkins, W. Swanzey, 25.6 hp. Overland.
- 2270. James E. Dodge, Pembroke, 28.9 hp. Pierce-Arrow.
- 2271. Dr. M. P. Badger, Manchester, 22.5 hp. Ford.
- 2272. Charles A. Preston, Contoocook, 28.9 hp. Firestone-Columbus.
- 2273. E. L. Clark, Henniker, 16.2 hp. Maxwell.
- 2274. Edward O. Fifield, Lee, 22.5 hp. Ford.
- 2275. Priest & Atwood, Dublin, 32.4 hp. Morgan.
- 2276. John A. Jaquith, Northfield, 16.2 hp. Buick.
- 2277. J. Willis Eaton, Bradford, 22.5 hp. Maxwell.
- 2278. Ernest L. Rankin, Concord, 10 hp. Stanley.
- 2279. W. F. Slack, Manchester, 22.5 hp. Ford.
- 2280. Edward S. King, Concord, 25.6 hp. Cole.
- 2281. Lewis W. Holmes, Raymond, 25.6 hp. Cadillac.
- 2282. Martha M. Sherwood, Gilmanton, 28.9 hp. Mitchell.
- 2283. Barrett Mfg. Co., Boston, Mass., 22.5 hp. Metz.
- 2284. Medoc Fountain, Woodstock, 27.2 hp. Reo.
- 2285. Michael H. Muleahy, Concord, 40 hp. Jackson.
- 2286. Weston G. French, Manchester, 24.6 hp. Elmore.
- 2287.† Etta B. Dixon, Dover, 22.5 hp. Ford.
- 2288. Warren W. Lee, Concord, 20 hp. Rambler.
- 2289. William S. Wallace, Belmont, 16.2 hp. Maxwell.
- 2290. Carlos B. Moseley, Concord, 25.6 hp. Buick.
- 2291. Irving A. Simonds, Center Harbor, 22.5 hp. Ford.
- 2292. Thomas E. Irving, Hampton Falls, 14.5 hp. General.
- 2293. Alfred H. Childs, Dublin, 28.9 hp. Overland.
- 2294. Vernon F. Atkins, Concord, 25.6 hp. E. M. F.
- 2295. Clayton B. Straw, Contoocook, 16.2 hp. Oakland.
- 2296. Louise F. Means, Manchester, 32.4 hp. Stearns.
- 2297. Lorin A. Dresser, Berlin, 22.5 hp. Ford.
- 2298. Fred W. Dudley, Concord, 38 hp. Knox.
- 2299. Ernest J. Stephenson, Lyndeborough, 40 hp. Rambler.
- 2300. O. C. Griffin, Derry, 22.5 hp. Ford.
- 2301. Francois Manseau, Nashua, 20 hp. Stanley.
- 2302. George E. and Andrew I. Fuller, Keene, 25.6 hp. Overland.
- 2303. Charles H. Austin, Nashua, 28.9 hp. Maxwell.
- 2304. James F. Cavanaugh, Manchester, 28.9 hp. Cole.
- 2305. John S. Rich, Lyme, 22.5 hp. Ford.
- 2306. Charles E. Pulsifer, Lebanon, 20 hp. Stanley.
- 2307. Knapp Motor Car Co., Lebanon, 22.5 hp. Ford.
- 2308. Alna B. Libby, Gorham, 24 hp. Stevens-Duryea.
- 2309. Robert C. Woodward, Dublin, 27.2 hp. Stoddard-Dayton.
- 2310. William G. Dupont, Berlin, 22.5 hp. Ford.
- 2311. Grace E. Downs, Portsmouth, 22.5 hp. Buick.
- 2312. Omar A. Towne, Franklin, 24 hp. Elmore.
- 2313. George M. Muldoon, Pelham, 28.9 hp. Maxwell.
- 2314. Grant G. Skinner, Manchester, 25.6 hp. Sampson.
- 2315. Chester J. Sargent, West Lebanon, 22.5 hp. Buick.
- 2316. Arthur L. Brown, Rye Beach, 22.5 hp. Ford.
- 2317. F. A. Rogers, Franklin, 27.2 hp. Abbott.
- 2318. Sidney G. Whitmore, Newport, 28.9 hp. Buick.
- 2319. Frances Bather, Dover, 22.5 hp. Ford.
- 2320. Katharine K. and Mrs. Edward Abbott, Wilton, 30.6 hp. Cadillac.
- 2321. Frederick C. Wilcox, Keene, 32.4 hp. Grout.
- 2322. C. A. Hoitt Co., Manchester, 28 hp. Cadillac.
- 2323. Charles F. M. Stark, Dunbarton, 16.2 hp. Maxwell.
- 2324. Joel H. Poole & Son, Jaffrey, 32.4 hp. Mora.
- 2325. Charles E. Smith, Nashua, 32.4 hp. Cadillac.
- 2326. George P. Gilman, Wolfeboro, 12 hp. De Dion Bouton.
- 2327. George H. Wiggin, Bedford, 22.5 hp. Ford.
- 2328. George B. Wheeler, Newport, 28.9 hp. Maxwell.

2329. W. E. Jolbert, Berlin, 25.6 hp. Reo.
2330. Richard J. McLean, Plymouth, 22.5 hp. Ford.
2331. John Labranch, Epping, 28.9 hp. Maxwell.
2332. Rufus N. Elwell, Exeter, 28.9 hp. Cadillac.
2333. G. P. Field, Keene, 24 hp. Stoddard-Dayton.
2334. Andrew S. Woods, Littleton, 28.9 hp. Pope.
2335. Waldo Rouillard, Hinsdale, 14.5 hp. Maxwell.
2336. John H. O'Connor, Groveton, 22.5 hp. Ford.
2337. John W. Cose, Laconia, 16.2 hp. Buick.
2338. Charles W. McKenna, Manchester, 27.2 hp. Regal.
2339. Charles F. McNally, Groveton, 25.6 hp. E. M. F.
2340. Martha S. Kimball, Portsmouth, 32.4 hp. Cadillac.
2341. Dr. Louis L. Gilman, Rochester, 22.5 hp. Ford.
2342. Dr. George M. Watson, Manchester, 32.4 hp. Westcott.
2343. Everett W. Sanborn, Tilton, 16.2 hp. Buick.
2344. Fred E. Taggart, Nashua, 22.5 hp. Ford.
2345. Warren J. Shine, Hillsborough, 22.5 hp. Ford.
2346. Frank W. Foster, Hill, 25.6 hp. Reo.
2347. Frank M. Laing, Penacook, 12.8 hp. Maxwell.
2348. Edward E. Davis, Newmarket, 28.9 hp. Haynes.
2349. William I. Scholes, Manchester, 22.5 hp. Ford.
2350. Arthur L. Taft, Union, 36.1 hp. Stevens-Duryea.
2351. James R. Straw, Manchester, 40 hp. Speedwell.
2352. Herbert K. Faulkner, Keene, 24 hp. Stoddard-Dayton.
2353. Harlan T. Connary, Stratford, 25.6 hp. Overland.
2354. William R. Howard, Milford, 25.6 hp. Stoddard-Dayton.
2355. John A. Drew, Rumney, 27.2 hp. Regal.
2356. William W. Oliver, Lisbon, 54.1 hp. Stevens-Duryea.
2357. Charles H. Osgood, Concord, 18 hp. Reo.
2358. Harry M. Varney, Lebanon, Me., 28.9 hp. Marion.
2359. Fred J. Taylor, Groveton, 28.9 hp. Mitchell.
2360. The Auto-Drug Co., West Ossipee, 28.9 hp. Maxwell.
2361. Marsena C. Blake, Ashland, 25.6 hp. Maxwell.
2362. Fred A. Dennis, Orford, 22.5 hp. Ford.
2363. Dr. Harry O. Chesley, Dover, 25.6 hp. Overland.
2364. William J. Shuttleworth, Portsmouth, 25.6 hp. Cadillac.
2365. Ernest D. Thurston, Errol, 19.2 hp. Elmore.
2366. Edward O. Teague, Farmington, 28.9 hp. Buick.
2367. William H. Meserve, Penacook, 28.9 hp. Buick.
2368. Daniel W. Badger, Portsmouth, 32.4 hp. Elmore.
2369. George S. Emerson, Fitzwilliam, 25.6 hp. Maxwell.
2370. W. P. Crossett, South Acworth, 22.5 hp. Overland.
2371. Walter S. Peaslee, Exeter, 25.6 hp. Buick.
2372. Charles W. Hannaford, Portsmouth, 16.2 hp. Maxwell.
2373. Ancil D. Clark, Nashua, 36.1 hp. Stevens-Duryea.
2374. Henry F. Dorr, Holderness, 28.9 hp. Maxwell.
2375. F. C. Starrett, Bennington, 22.5 hp. Ford.
2376. Eugene W. Bachelder, Northfield, 14.2 hp. Reo.
2377. Henry W. Banks, Swanzy, 25.6 hp. Buick.
2378. Charles H. Summerfield, Exeter, 12.8 hp. Maxwell.
2379. E. C. Fisher, Sunapee, 25.6 hp. Maxwell.
2380. George Boss, Portsmouth, 22.5 hp. Overland.
2381. Charles H. Fish, Rye, 40 hp. Chalmers.
2382. Henry H. Turner, Rollinsford, 25.6 hp. Overland.
2383. James A. Smalley, Littleton, 22.5 hp. Ford.
2384. Frederick Perkins, Manchester, 33.7 hp. Mitchell.
2385. Joseph T. Buckley, Weare, 25.6 hp. Overland.
2386. Perl E. Sheldon, Peterborough, 22.5 hp. Ford.
2387. William J. Brooks, Pittsfield, 22.5 hp. Ford.
2388. A. C. Kennett, Conway, 40 hp. Packard.
2389. Merton T. Woodward, Dublin, 22.5 hp. Overland.
2390. Herbert W. Wood, Ashuelot, 20 hp. Stanley.
2391. Hosea B. Quint, Concord, 12.8 hp. Maxwell.
2392. Edgar A. Kenison, North Conway, 40 hp. Thomas.
2393. Rose E. Davis, Milan, 16.9 hp. Buick.
2394. George H. Torr, Rochester, 22.5 hp. Ford.
2395. George W. Locke, Barrington, 25.6 hp. E. M. F.
2396. William F. Perry, Keene, 27.2 hp. Regal.
2397. Burleigh M. Taylor, Conway, 10.5 hp. Maxwell.
2398. Charles S. Philbrick, Milton Mills, 25.6 hp. Reo.

2399. Edith G. Wendell, Portsmouth, 36.1 hp. Stevens-Duryea.  
2400. David E. Wing, Lyme, 28.9 hp. Overland.  
2401. Leslie A. Cook, Stratham, 12.8 hp. Maxwell.  
2402. Smith Piper, Holderness, 28.9 hp. Maxwell.  
2403. Charles H. P. Glover, Pike, 28.9 hp. Buick.  
2404. Levi Woodbury, Salem, 32.4 hp. Pope-Hartford.  
2405. Ned A. Blood, Milford, 16.2 hp. Rambler.  
2406. George H. Stearns, Lebanon, 28.9 hp. Overland.  
2407. Clifford L. Sturtevant, Walpole, 22.5 hp. Ford.  
2408. James H. Carroll, Claremont, 25.6 hp. Oakland.  
2409. James E. Moody, Milford, 10 hp. Stanley.  
2410. Edward L. Farrar, Nashua, 25.6 hp. Overland.  
2411. Frank E. Bronson, Newport, 22.5 hp. Ford.  
2412. Dexter D. Dow, Haverhill, 25.6 hp. Buick.  
2413. Lester H. Latham, Hillsborough, 20 hp. Stanley.  
2414. Cyril E. Jackson, Portsmouth, 16.2 hp. Maxwell.  
2415. Nina L. Burpee, Newport, 25.6 hp. Hudson.  
2416. William McPherson, Manchester, 32.4 hp. Rambler.  
2417. Ralph B. Hildreth, Bethlehem, 25.6 hp. Reo.  
2418. Nelson B. Cone, Rumney, 22.5 hp. Overland.  
2419. Ernest E. McComb, Harrisville, 10 hp. Stanley.  
2420. Obe G. Morrison, Tilton, 19.6 hp. Napier.  
2421. Glenn O. McNamara, Lincoln, 22.5 hp. Ford.  
2422. Fred A. Spencer, Bristol, 19.6 hp. Overland.  
2423. Duncan P. Noyes, Henniker, 12.8 hp. Maxwell.  
2424. Byron M. Leavenworth, Lancaster, 12.8 hp. Maxwell.  
2425. O. S. Sinclair, Conway Center, 28.9 hp. Knox.  
2426. John W. Crowell, Salem Depot, 22.5 hp. Ford.  
2427. Edwin J. Facey, Piermont, 22.5 hp. Buick.  
2428. Alvin F. Wentworth, Plymouth, 30.6 hp. Overland.  
2429. Francis Grimes, Hillsborough, 12.8 hp. Maxwell.  
2430. Carlton J. Edgerly, Hampton Falls, 14 hp. International.  
2431. Leroy G. Angell, Newport, 28.9 hp. Maxwell.  
2432. Charles E. Noyes, Landaff, 28.9 hp. Chalmers.  
2433. Lyman B. Woodman, Laconia, 19.6 hp. Buick.  
2434. George F. Amidon, Chesterfield, 22.5 hp. Ford.  
2435. Charles R. Gibson, Woodsville, 22.5 hp. Ford.  
2436. Lawrence B. Hatch, West Rindge, 22.5 hp. Metz.  
2437. Austin A. Ellis, Keene, 20 hp. Stanley.  
2438. Frank B. Harrison, Lebanon, 25.6 hp. Maxwell.  
2439. Earl B. Rose, Plymouth, 8.1 hp. Reo.  
2440. James E. Humphrey, Nashua, 25.6 hp. Reo.  
2441. Franklin P. Rowell, Newport, 16.2 hp. Maxwell.  
2442. Samuel S. Raymond, Nashua, 25.6 hp. Reo.  
2443. J. W. Lee, Berlin, 22.5 hp. Ford.  
2444. Arad J. Warren, Lyme, 22.5 hp. Ford.  
2445. Samuel S. Bennett, Gorham, 25.6 hp. Hudson.  
2446. Frank H. Colburn, Francestown, 22.5 hp. Ford.  
2447. Robert Scott, Exeter, 25.6 hp. Overland.  
2448. Frank Proctor, Franklin, 32.4 hp. Stearns.  
2449. A. T. Morse, Charlestown, 57 hp. Peerless.  
2450. William H. Albree, Atkinson Depot, 25.6 hp. Overland.  
2451. Natt B. Wadsworth, Warner, 22.5 hp. Metz.  
2452. George E. Whitcher, Berlin Mills, 16.2 hp. Buick.  
2453. J. K. Corliss, Woodsville, 22.5 hp. Buick.  
2454. Harry J. Ricketson, Allentown, 32.4 hp. Rambler.  
2455. Chester R. Kibble, Milford, 25.6 hp. Reo.  
2456. F. H. Winn, Newington, 25.6 hp. Cadillac.  
2457. Harvey R. Hill, Portsmouth, 22.5 hp. Ford.  
2458. Patrick J. Flanigan, Portsmouth, 25.6 hp. Hudson.  
2459. J. Fred Bell, Berlin, 32.4 hp. Buick.  
2460. Louis E. Griffin, Raymond, 18 hp. Buick.  
2461. Charles F. Young, South Merrimack, 28.9 hp. Maxwell.  
2462. Zenas C. Howland, Newport, 28.9 hp. Maxwell.  
2463. Edward H. Wason, Nashua, 43.8 hp. Stevens.  
2464. Gust Peterson, Amherst, 10 hp. Stanley.  
2465. W. L. Story, Munsonville, 20 hp. Stanley.  
2466. Fred A. Avery, Ashland, 32.4 hp. Packard.  
2467. Jason H. Dudley, Colebrook, 28.9 hp. Mitchell.  
2468. Don J. Williams, Keene, 22.5 hp. Ford.



2469. Leverett C. Downing, Kingston, 28.9 hp. Overland.  
2470. Walter L. Goodnow, Keene, 28.9 hp. Maxwell.  
2471. Harry P. Smith, Ashuelot, 22 hp. Buick.  
2472. Leon C. Spaulding, North Rochester, 48 hp. Rochet & Schneider.  
2473. John R. Smith, Manchester, 28.9 hp. Firestone-Columbus.  
2474. Matthew Creamer, Nashua, 40 hp. Speedwell.  
2475. Amasa W. Avery, Plymouth, 9.8 hp. Stevens.  
2476. Helen T. B. Crocker, New London, 40 hp. Packard.  
2477. Thomas A. Baril, Rochester, 27.2 hp. Lenox.  
2478. Charles N. Vilas, Alstead, 40 hp. Locomobile.  
2479. N. H. State Hospital, Concord, 28 hp. Franklin.  
2480. John S. Renfrew, Plymouth, 22.5 hp. Ford.  
2481. James H. Richardson, Claremont, 32.4 hp. Buick.  
2482. Albert F. Tebbetts, Jr., Newmarket, 22.5 hp. Ford.  
2483. Henry P. Payne, Portsmouth, 10 hp. Cadillac.  
2484. James M. Wilder, East Rochester, 22.5 hp. Overland.  
2485. George Brault, Lebanon, 28.9 hp. Mitchell.  
2486. Howard E. Thompson, Bethlehem, 19.6 hp. Regal.  
2487. Langdon C. Flanders, Lebanon, 25.6 hp. Maxwell.  
2488. Josiah Fitz, 4th, Chester, 20 hp. International.  
2489. Trickey Bros., Jackson, 28.9 hp. Overland.  
2490. J. J. Glessner, Littleton, 54.1 hp. Stevens.  
2491. Harvey Pollard, Nashua, 19.6 hp. Winton.  
2492. J. J. Glessner, Littleton, 54.1 hp. Stevens.  
2493. William U. St. Cyr, Littleton, 22.5 hp. Ford.  
2494. Albert N. Dow, Exeter, 20 hp. Lambert.  
2495. Frank O. Ferren, Mountainview, 36.1 hp. Overland.  
2496. Carl C. Ward, Hanover, 32.4 hp. Cadillac.  
2497. George F. Trussell, Orford, 22.5 hp. Ford.  
2498. Frank L. Wilson, Berlin, 25.6 hp. Cadillac.  
2499. Henry L. McKay, Wakefield, 18 hp. Reo.  
2500. W. H. Leith, Lancaster, 32.4 hp. Cadillac.  
2501. Henry C. Litchfield, Walpole, 38.4 hp. Pierce-Arrow.  
2502. Mark A. Twitchell, Berlin, 32.4 hp. Stoddard-Dayton.  
2503. Clarence L. Sargent, Laconia, 22.5 hp. Ford.  
2504. Mrs. George R. Eaton, Lancaster, 40 hp. Chalmers.  
2505. Reuben P. Lang, Brookfield, 30.6 hp. Overland.  
2506. Edward P. Stoddard, Portsmouth, 25.6 hp. Overland.  
2507. Dr. Frank Eaton, East Weare, 22.5 hp. Maxwell.  
2508. Charles A. Warwick, Newcastle, 12.8 hp. Maxwell.  
2509. Charles R. Dame, Concord, 28.9 hp. Maxwell.  
2510. J. Michael Dery, Manchester, 28.9 hp. Regal.  
2511. Isaac Crocker, Gilford, 25.6 hp. Jackson.  
2512. Frank O. Wallace, Laconia, 28.9 hp. Maxwell.  
2513. Arthur C. Huntoon, Contoocook, 25.6 hp. Reo.  
2514. Joseph Bernier, Nashua, 20 hp. International.  
2515. Charles P. Lougee, Laconia, 16.2 hp. Maxwell.  
2516. Fannie A. Jenness, Rye Beach, 25.6 hp. E. M. F.  
2517. Charles H. Upham, Merrimack, 22.5 hp. Ford.  
2518. Arthur J. Pierce, Bennington, 36.1 hp. Pope-Hartford.  
2519. Fred C. Brockway, Warner, 22.5 hp. Metz.  
2520. Frederick S. Howell, Warner, 32.4 hp. Maxwell.  
2521. Egbert Follansbee, Nashua, 22.5 hp. Ford.  
2522. Waldo C. Everett, Bradford, 28.9 hp. Jackson.  
2523. C. De Moulpied & Co., Manchester, 30 hp. Johnson.  
2524. Charles De Moulpied, Manchester, 20.2 hp. Flanders.  
2525. Herbert B. Fischer, Pittsfield, 22.5 hp. Hupp.  
2526. M. J. Moses, Concord, 22.5 hp. Buick.  
2527. Alfred Wells, Wilton, 20 hp. Rambler.  
2528. Sylvester W. Kiggins, Newport, 32.4 hp. Sampson.  
2529. George W. Perry, Keene, 20 hp. Stanley.  
2530. Delette O. Handley, Milford, 22.5 hp. Ford.  
2531. Obe G. Morrison, Tilton, 32.4 hp. Buick.  
2532. Harry H. Meloon, Manchester, 16.2 hp. Rambler.  
2533. G. Allen Putnam, Manchester, 28.9 hp. Cadillac.  
2534. Fred A. Parrish, Nashua, 20.2 hp. Cameron.  
2535. Nellie M. Barton, Newport, 22.5 hp. Ford.  
2536. J. Harold Hanson, Dover, 32.4 hp. Overland.  
2537. Julian A. Smith, Center Sandwich, 28.9 hp. Overland.  
2538. Donald W. Hopkins, Greenfield, 36.1 hp. Stevens.  
2539. Dr. Edwin E. Jones, Colebrook, 22.5 hp. Mitchell.

- 2540. Earl W. Brown, Cornish, 20 hp. Knox.
- 2541. Emile Dube, New Ipswich, 20 hp. Jackson.
- 2542. Herbert W. Chandler, New Ipswich, 25.6 hp. Cadillac.
- 2543. Herbert W. Crosby, Milford, 25.6 hp. Stoddard-Dayton.
- 2544. Parkman Drown, Bartlett, 22.5 hp. Ford.
- 2545. Harry Woods, Bath, 32.4 hp. Cadillac.
- 2546. Levi B. Tilton, Exeter, 22.5 hp. Ford.
- 2547. George M. Paul, Sunapee, 22.5 hp. Ford.
- 2548. John F. Carter, Sunapee, 22.5 hp. Ford.
- 2549. Fred T. Pillsbury, Haverhill, 10 hp. Stanley.
- 2550. William H. McCarten, Lancaster, 25.6 hp. E. M. F.
- 2551. Paul W. Kimball, New York City, 25.6 hp. Hudson.
- 2552. Walter E. Wilkinson, Groveton, 24.5 hp. Thomas.
- 2553. George A. Dorr, Guild, 22.5 hp. Ford.
- 2554. Frank J. Benoit, Whitefield, 22.5 hp. Buick.
- 2555. Herbert M. Prescott, Kensington, 13.6 hp. Ford.
- 2556. A. J. Lessard, Rochester, 25.6 hp. Chalmers.
- 2557. E. H. Gould, Littleton, 25.6 hp. Reo.
- 2558. Alfred W. Guyer, Hanover, 25.6 hp. Reo.
- 2559. Robert P. Johnston, Manchester, 30 hp. Cadillac.
- 2560. Duncan H. McIntosh, Portsmouth, 22.5 hp. Ford.
- 2561. James Hartness, Springfield, Vt., 43.8 hp. Stevens.
- 2562. James A. Edwards, Chester, 22.5 hp. Ford.
- 2563. Harry C. Dexter, Lancaster, 12.8 hp. Maxwell.
- 2564. James Hartness, Springfield, Vt., 36.1 hp. Stevens.
- 2565. James Hartness, Springfield, Vt., 54.1 hp. Stevens.
- 2566. Eben S. Hawkins, Laconia, 22.5 hp. Ford.
- 2567. Charles N. Vilas, Alstead, 40 hp. Locomobile.
- 2568. Fred H. Watkins, Walpole, 10 hp. Stanley.
- 2569. Walter G. Richardson, Ashland, 22.5 hp. Ford.
- 2570. Clesson E. Gowing, Dublin, 25.6 hp. Overland.
- 2571. James B. Shields, Hanover, 16.2 hp. Maxwell.
- 2572. Charles F. Fellows, Lebanon, 28.9 hp. Cadillac.
- 2573. Agnes G. Troup, Dublin, 32.5 hp. Pierce-Arrow.
- 2574. Mrs. H. C. Hewitt, Portsmouth, 20.2 hp. Flanders.
- 2575. Charles C. Abbott, Keene, 48.6 hp. Packard.
- 2576. Moses F. Knowlton, Sunapee, 22.5 hp. Buick.
- 2577. J. L. Pottle & Son, Jefferson, 28.9 hp. Cadillac.
- 2578. Harry N. Bullard, Portsmouth, 22.5 hp. Cadillac.
- 2579. George P. Crafts, Manchester, 40 hp. Packard.
- 2580. Harold A. Edson, Littleton, 22.5 hp. Ford.
- 2581. John B. Sullivan, Ashland, 28.9 hp. Overland.
- 2582. Nashua Light, Heat & Power Co., Nashua, 20 hp. Ford.
- 2583. Myra A. Fairbanks, Fitzwilliam, 36.1 hp. Grout.
- 2584. Fred Bailey, Berlin, 32.4 hp. Cadillac.
- 2585. Pennichuck Water Works, Nashua, 22.5 hp. Ford.
- 2586. Herbert A. Moore, Lancaster, 25.6 hp. Hudson.
- 2587. Harry S. Pratt, Lancaster, 28.9 hp. Chalmers.
- 2588. W. E. Bullard, Lancaster, 25.6 hp. Hudson.
- 2589. Charles S. Aldrich, Keene, 10 hp. Stanley.
- 2590. Walter S. Carr, Andover, 48.6 hp. Winton.
- 2591. William B. Ely, Pittsfield, 25 hp. Studebaker.
- 2592. Alfred Daudelin, Nashua, 22.5 hp. Ford.
- 2593. Charles L. Stevens, Milton Mills, 9 hp. Reo.
- 2594. W. E. Dunlap, Franklin, 16.2 hp. Buick.
- 2595. Leon F. Stoddard, Chesterfield, 22.5 hp. Ford.
- 2596. Willard D. Stinson, Wentworth, 25.6 hp. Everett.
- 2597. Walter H. Senter, Kingston, 10 hp. Mitchell.
- 2598. Jesse R. Horne, Somersworth, 28.9 hp. Maxwell.
- 2599. Joseph C. Langford, Raymond, 24 hp. Overland.
- 2600. Fred Sargent, Concord, 25.6 hp. Hudson.
- 2601. Granite State Spring Water Co., Atkinson Depot, 30 hp. Packard.
- 2602. Dr. Percv B. Goetschins, Raymond, 34.2 hp. Peerless.
- 2603. Everett H. Downing, West Thornton, 25.6 hp. Buick.
- 2604. Edward G. Russell, Chesham, 25.6 hp. Chalmers.
- 2605. Sumner Wallace, Rochester, 54.1 hp. Stevens.
- 2606. Elmer J. Gagnon, Manchester, 22.5 hp. Overland.
- 2607. Arthur H. Wilcomb, Chester, 22.5 hp. Buick.
- 2608. Dr. Fred Fernald, Nottingham, 16.2 hp. Buick.
- 2609. James P. Chase, Stratham, 22 hp. Jackson.



- 2610. Frank W. Adams, Pittsfield, 25.6 hp. Hudson.
- 2611. Sherburn J. Winslow, Pittsfield, 28.9 hp. Cadillac.
- 2612. John H. Sargent, Concord, 10 hp. Stanley.
- 2613. Cavis Bros. Co., Bristol, 20 hp. International.
- 2614. Ernest G. Dowst, Allenstown, 25.6 hp. Mitchell.
- 2615. Frank C. Wells, West Lebanon, 32.4 hp. Buick.
- 2616. Henry H. Shepard, Ashland, 25.6 hp. Overland.
- 2617. Frederick W. Ely, Greenville, 34.2 hp. Buick.
- 2618. Benjamin F. Shores, Scott, 22.5 hp. Ford.
- 2619. Arthur J. Pitman, Auburn, 16.2 hp. Atlas.
- 2620. George H. Moses, Bedford, 20.2 hp. Ford.
- 2621. Roy E. Arling, Tamworth, 22.5 hp. Ford.
- 2622. Arthur C. Strain, Groveton, 28.9 hp. Overland.
- 2623. Henry O. True, Haverhill, 25.6 hp. Overland.
- 2624. Henry R. and Adlai T. Schulmaier, Berwick, Me., 20 hp. Maxwell.
- 2625. James A. Boyce, Keene, 28.9 hp. Maxwell.
- 2626. Ella B. Locke, Rye Center, 10 hp. Cadillac.
- 2627. Joseph Cerer, Nashua, 16.2 hp. Maxwell.
- 2628. Henry L. Page, Marlborough, 28.9 hp. Overland.
- 2629. Edward J. Kean, Lincoln, 25.6 hp. Everitt.
- 2630. Adam L. Miller, Manchester, 10 hp. Stanley.
- 2631. Elmer M. Spencer, Haverhill, 25.6 hp. Paterson.
- 2632. Herbert L. Grinnell, Jr., 28.9 hp. Cadillac.
- 2633. Harry S. Huckins, Plymouth, 28.9 hp. Overland.
- 2634. Fred E. Baker, Windham, 32.4 hp. Cadillac.
- 2635. D. M. Rowe, Laconia, 38 hp. Peerless.
- 2636. Willie B. Burbank, Derry, 10 hp. Stanley.
- 2637. James W. Hazen, Lempster, 25.6 hp. Buick.
- 2638. Leonard F. Bragg, Alstead, 22.5 hp. Overland.
- 2639. Dr. Fred E. Clow, Wolfeboro, 19.6 hp. Hupmobile.
- 2640. Starr Parsons, Wolfeboro, 32.4 hp. Buick.
- 2641. Hibbard Veino, Enfield, 32.4 hp. Maxwell.
- 2642. George W. Hunt, Cornish Flat, 28.9 hp. Cadillac.
- 2643. March Clark, East Acworth, 22.5 hp. Ford.
- 2644. Warren B. Moulton, North Hampton, 10 hp. Cadillac.
- 2645. Lewis N. Whitecomb, Greenfield, 20 hp. Rambler.
- 2646. Frank H. Lewis, Winchester, 10 hp. Rambler.
- 2647. Arthur E. Gay, Nashua, 6.4 hp. Brush.
- 2648. Ella F. Bruce, Wilton, 32.4 hp. Cadillac.
- 2649. Arthur E. Dumas, Manchester, 16 hp. Wayne.
- 2650. James Kirkbright, Nashua, 22.5 hp. Ford.
- 2651. Roy & Gadbois, Manchester, 1 hp. Packard.
- 2652. William G. Goodwin, Center Harbor, 22.5 hp. Buick.
- 2653. Fred L. Cotton, North Hampton, 30 hp. Elmore.
- 2654. Arthur E. Sargent, Nashua, 22.5 hp. Ford.
- 2655. Nelson B. Braley, Concord, 10 hp. Stanley.
- 2656. Phyllis Robbins, New Boston, 24 hp. Dayton.
- 2657. Mark G. Keasor, Tilton, 24.3 hp. Elmore.
- 2658. Carl W. Rowe, Henniker, 28.9 hp. Maxwell.
- 2659. Frank D. Gay, Hillsborough, 28.9 hp. Paterson.
- 2660. Harry D. Munsey, Hampton, 22.5 hp. Regal.
- 2661. Edward C. Waite, West Lebanon, 22.5 hp. Buick.
- 2662. Stephen D. Sullivan, Nashua, 22.5 hp. Ford.
- 2663. Fred R. Hanscom, Bartlett, 22.5 hp. Ford.
- 2664. Wallace Hackett, Portsmouth, 28.9 hp. Oldsmobile.
- 2665. George A. Robie, Bristol, 22.5 hp. Metz.
- 2666. Henry S. Maffitt, Fitzwilliam, 11.2 hp. Stevens.
- 2667. John W. Ginn, West Canaan, 12.8 hp. Lambert.
- 2668. W. D. Brockway, Washington, 6.4 hp. Brush.
- 2669. Lester G. Fifield, Ashland, 28.9 hp. Overland.
- 2670. Lester G. Fifield, Ashland, 28.9 hp. Overland.
- 2671. Harry W. White, Charlestown, 20 hp. Cartercar.
- 2672. George E. Miller, Dublin, 22.5 hp. Overland.
- 2673. Clesson E. Gowing, Dublin, 28.9 hp. Overland.
- 2674. Charles F. Sawtell, Manchester, 14.5 hp. Rambler.
- 2675. Henry J. Beauvais, East Jaffrey, 25.6 hp. Pickard.
- 2676. Harold E. Batchelder, Northwood, 28.9 hp. Grabowsky.
- 2677. George A. Sumner, Hill, 12.8 hp. Maxwell.
- 2678. Herbert M. Davis, Dover, 18 hp. Davis.
- 2679. William T. Bailey, Concord, 28.9 hp. Overland.

2680. Orison H. Woodward, Sutton Mills, 24.2 hp. Rambler.
2681. Gertrude S. Johnston, Manchester, 28.9 hp. Blomstrom.
2682. Thomas W. Luce, Portsmouth, 32.4 hp. Cadillac.
2683. Frank B. Kendrick, Lebanon, 32.4 hp. Marmon.
2684. Mastricola Bros., Nashua, 20 hp. International.
2685. Julia A. Senter, Hampstead, 22.5 hp. Ford.
2686. Frank P. Andrews, Concord, 32.4 hp. Marquette.
2687. Forrest L. Keay, Rochester, 28.9 hp. Buick.
2688. Edward W. Hind, Fitzwilliam Depot, 35 hp. Buffalo Pitts.
2689. Ashton L. Martin, Amherst, 32.4 hp. Oakland.
2690. Melvin O. Elliott, Colebrook, 28.9 hp. Maxwell.
2691. John F. Whalen, Carroll, 28.9 hp. Maxwell.
2692. William T. Leighton, East Jaffrey, 22.5 hp. Buick.
2693. Charles L. Applin, East Swanzy, 25.6 hp. Chalmers.
2694. Thomas J. Finning, Enfield, 22.5 hp. Overland.
2695. Edward H. Richardson, Milford, 10 hp. Stanley.
2696. Ira A. Randall, Dover, 20 hp. Reo.
2697. George H. Fowler, Bristol, 20 hp. Reo.
2698. Richard B. Taylor, Manchester, 43.8 hp. Mitchell.
2699. Edward W. Clark, East Derry, 25.6 hp. Stoddard-Dayton.
2700. Amasa D. Smith, Manchester, 32.4 hp. Cadillac.
2701. Frank W. Pressey, Sutton, 30 hp. Grabowsky.
2702. Herbert H. Harvey, Somersworth, 22.5 hp. Ford.
2703. Perley S. Smith, Union, 18 hp. Stanley.
2704. Nazaire E. Biron, Manchester, 22.5 hp. Ford.
2705. John P. Holmen, Portsmouth, 22.5 hp. Ford.
2706. Arthur Themelis, Manchester, 28.9 hp. Autocar.
2707. John F. Maynard, Plymouth, 43.8 hp. Stevens.
2708. Ellen B. Churchill, South Lyndeboro, 25.6 hp. E. M. F.
2709. Oscar J. Dillon, East Jaffrey, 32.4 hp. Buick.
2710. Fred J. Gordon, Groveton, 10 hp. Stanley.
2711. George L. Allen, Rye Beach, 40 hp. Packard.
2712. Edwin D. Stevens, Francestown, 9 hp. Reo.
2713. Henry A. Cass, Plymouth, 25.6 hp. Corbin.
2714. Arthur W. Austin, Bow, 40 hp. Jackson.
2715. John H. Rainville, Pembroke, 33 hp. Hudson.
2716. Robert F. Tucker, Concord, 22.5 hp. Maxwell.
2717. Alfred G. Bickford, Epsom, 22.5 hp. Ford.
2718. Daniel Connell, Gilmanton, 22.5 hp. Ford.
2719. L. G. Mason, Tamworth, 16.2 hp. Buick.
2720. Albert F. B. Edwards, Chester, 13.6 hp. Sears.
2721. J. A. LaRochelle, Berlin, 12.2 hp. Maxwell.
2722. Hiram L. Johnson, Franconia, 28.9 hp. Maxwell.
2723. Frank Smith & Co., Lancaster, 20.2 hp. Studebaker.
2724. Cushman H. Parsons, Colebrook, 28.9 hp. Mitchell.
2725. Frances T. Walker, Concord, 38.4 hp. Franklin.
2726. Frank E. Kilduff, Brookline, 14.5 hp. Maxwell.
2727. Leason A. Martin, North Richmond, 20 hp. Stanley.
2728. James H. Fadden, Woodstock, 20.2 hp. Ford.
2729. Harry S. Chase, Laconia, 28.9 hp. Chalmers.
2730. May E. Dexter, Manchester, 12.8 hp. Maxwell.
2731. William W. Martin, Manchester, 19.6 hp. Ford.
2732. Edward A. Stevens, Sanbornton, 20 hp. Stanley.
2733. A. A. Turner, Lyme, 22.5 hp. Ford.
2734. J. Brodie Smith, Manchester, 4 hp. Pope-Waverly.
2735. James P. Hooper, Portsmouth, 22.5 hp. Ford.
2736. S. A. Willigar, Lyme, 22.5 hp. Ford.
2737. Fred S. Roberts, Laconia, 28.9 hp. Chalmers.
2738. Leander G. Pynn, Meredith, 30 hp. Buick.
2739. Mark A. Mills, Keene, 20 hp. White.
2740. Michael Duffy, Franklin, 48.6 hp. Winton.
2741. George M. Studebaker, North Hampton, 36.1 hp. Studebaker.
2742. John C. Cunningham, Manchester, 22.5 hp. Ford.
2743. Frank S. Alford, Charlestown, 32.4 hp. Buick.
2744. Edward D. Burt, Lincoln, 32.4 hp. Cadillac.
2745. J. C. & F. G. Chandler, New Ipswich, 24 hp. Elmore.
2746. Avery G. Veino, Newport, 33.7 hp. Mitchell.
2747. Howard G. Lane, Hampton, 32.4 hp. Cadillac.
2748. Walter H. Sargent, Lancaster, 22.5 hp. Ford.
2749. Sarah H. Clough, Manchester, 25.6 hp. Cadillac.

2750. George M. Studebaker, North Hampton, 25.6 hp. Studebaker.  
2751. Hiram B. Currier, Hillsborough, 25.6 hp. Jackson.  
2752. Shepard Grocery Co., Franklin, 22.5 hp. Ford.  
2753. Charles E. Lewis, Lebanon, 25.6 hp. Overland.  
2754. Frederick J. Sevigne, Nashua, 32.4 hp. Electric.  
2755. Charles A. Jones, Hillsborough, 30.6 hp. Knox.  
2756. Pine Grove Springs Hotel Co., Spofford, 55 hp. Apperson.  
2757. Curtis A. Beal, Spofford, 20.2 hp. Ford.  
2758. Marion Collins, South Danville, 25.6 hp. Cadillac.  
2759. Fred E. Jones, Hillsborough, 32.4 hp. Cadillac.  
2760. Joseph W. Chamberlin, Ossipee, 25.6 hp. Maxwell.  
2761. Walter B. Greene, Newmarket, 22.5 hp. Krit.  
2762. Carroll R. Fellows, Brentwood, 48.6 hp. Winton.  
2763. Lizzie F. Yeaton, Portsmouth, 22.5 hp. Overland.  
2764. Walter L. Goodnow, Keene, 16.2 hp. Maxwell.  
2765. Frederick A. Jordan, Concord, 25.6 hp. Overland.  
2766. Lewis F. Soule, Salem, 22.5 hp. Regal.  
2767. Charles A. Cloutman, Dover, 16.2 hp. Maxwell.  
2768. Alfred L. Matheson, Keene, 20 hp. Stanley.  
2769. B. H. Corning, Littleton, 22.5 hp. Ford.  
2770. Fred Rollins, Concord, 16.9 hp. Franklin.  
2771. T. Pariseau, Manchester, 32.4 hp. Cadillac.  
2772. Reuben G. Smith, North Newport, 22.5 hp. Metz.  
2773. D. J. Caron, Suncook, 25.6 hp. Maxwell.  
2774. R. E. Bartels, Meredith, 48 hp. Winton.  
2775. Frank M. Wheeler, Keene, 10 hp. Stanley.  
2776. William H. Lovell, Portsmouth, 14.5 hp. Schacht.  
2777. Harry Gray, Penacook, 15 hp. Reo.  
2778. Sidney S. Trueman, Portsmouth, 22.5 hp. Buick.  
2779. Abbott W. Turner, Milford, 10 hp. Stanley.  
2780. Rolan A. Jeffers, Concord, 16.1 hp. Buick.  
2781. Annie B. Chandler, Manchester, 38.4 hp. Pierce-Arrow.  
2782. John C. O'Connor, Manchester, 28.9 hp. Overland.  
2783. Edward H. Quimby, Dover, 27.2 hp. Overland.  
2784. Charles F. Chase, Manchester, 25.6 hp. Overland.  
2785. Mark E. Robertson, Tamworth, 40 hp. Overland.  
2786. Mark E. Robertson, Tamworth, 30 hp. Marion.  
2787. Edward C. Denault, Rochester, 32.4 hp. Lexington.  
2788. Edwin S. Shortridge, Dover, 26 hp. Pullman.  
2789. Mark E. Robertson, Tamworth, 60 hp. Pierce-Arrow.  
2790. Harry A. Colby, Haverhill, 25.6 hp. Overland.  
2791. Mark E. Robertson, Tamworth, 40 hp. Marmon.  
2792. Arthur Bruce, East Canterbury, 40 hp. Dayton.  
2793. S. W. Barker, Concord, 25.6 hp. Jackson.  
2794. Alva R. Mack, Bedford, 10 hp. Cadillac.  
2795. Frank B. Stanley, Center Harbor, 32.4 hp. Cadillac.  
2796. Arthur H. Little, Hampstead, 32.4 hp. Buick.  
2797. W. H. Ayer, Gilmanton, 28.9 hp. Maxwell.  
2798. Robert L. Harris, Penacook, 28.9 hp. Cadillac.  
2799. Selwyn K. Dearborn, Woodsville, 18.2 hp. Overland.  
2800. Charles C. Jones, Concord, 43.8 hp. Stevens.  
2801. W. W. Brown, Littleton, 17 hp. Flanders.  
2802. William B. Hinkley, Canaan, 18 hp. Olds.  
2803. Ervin R. French, Bedford, 25.6 hp. Parry.  
2804. Martha J. Matthews, Lincoln, 16.2 hp. Maxwell.  
2805. John L. Gilson, Amherst, 22.5 hp. Ford.  
2806. Anna F. Gibson, North Conway, 18.2 hp. Franklin.  
2807. Charles F. Duncan, Portsmouth, 28.9 hp. Overland.  
2808. Walter E. Carlton, Dover, 24 hp. Stevens.  
2809. Frederick T. Pearson, Keene, 36.1 hp. Jackson.  
2810. Arthur M. Brooks, Lincoln, 22.5 hp. Ford.  
2811. William H. Hurd, Hooksett, 40 hp. Oldsmobile.  
2812. Elgin G. Farnsworth, Washington, 12.8 hp. Sears.  
2813. Walter H. Cook, Manchester, 12.8 hp. Maxwell.  
2814. Albert D. Marshall, Keene, 25.6 hp. Overland.  
2815. James H. Perkins, Rye, 20.2 hp. Flanders.  
2816. Orren W. Gatchell, Gorham, 16.2 hp. Buick.  
2817. Edwin S. Kent, Portsmouth, 28.9 hp. Overland.  
2818. Daniel W. Brown, Rye, 22.5 hp. Ford.  
2819. Joseph F. Lamb, Portsmouth, 16.2 hp. Maxwell.

2820. Junius A. Richards, Dublin, 32.4 hp. Hudson.
2821. Fred A. Spencer, Bristol, 40 hp. Speedwell.
- 2822.† Bert Wood, Portsmouth, 32 hp. Cadillac.
- 2823.† Bert Wood, Portsmouth, 32 hp. Cadillac.
2824. Charles I. Pinkham, Portsmouth, 36.1 hp. Knox.
2825. Thomas Lynskey, Portsmouth, 25.6 hp. Reo.
2826. Mrs. Charles W. Shackford, Nashua, 28.9 hp. Chalmers.
2827. Rodney H. Ramsay, Charlestown, 22.5 hp. Ford.
2828. Fred A. Gray, Portsmouth, 25.6 hp. Hudson.
2829. E. Bertram Pike, Pike, 40 hp. Rambler.
2830. Jere L. Smith, Smithtown, 25.6 hp. Reo.
2831. Lewis C. Dawes, Roxbury, 32.4 hp. Cadillac.
2832. James S. Taft, Keene, 22.5 hp. White.
2833. Harry B. Jackson, Lebanon, 48.6 hp. Winton.
2834. Arthur A. Pennock, Littleton, 24 hp. Stevens.
2835. Leander M. Farrington, Manchester, 22.5 hp. Ford.
2836. Leonard B. Morrill, Center Harbor, 22.5 hp. Ford.
2837. Jennie E. Pinder, Portsmouth, 22.5 hp. Ford.
2838. Alfred E. Jones, Hillsborough, 22.5 hp. Maxwell.
2839. George R. Jones, Manchester, 48.6 hp. Premier.
2840. Walter E. Emerson, Fitzwilliam, 25.6 hp. Inter-State.
2841. Stephen B. Cole, Lakeport, 16.2 hp. Buick.
2842. Narcise Morin, Berlin, 28.9 hp. Buick.
2843. Harry W. Stetson, Orford, 22.5 hp. Ford.
2844. W. A. Wilmot, Enfield, 22.5 hp. Buick.
2845. Jennie L. Beard, Wilton, 40 hp. Rambler.
2846. Arthur T. Holmes, Derry, 25.6 hp. Overland.
2847. D. Whiting & Sons, Wilton, 48.6 hp. Pierce-Arrow.
2848. Leila S. Virgin, Concord, 25.6 hp. Buick.
2849. Alvah W. Sulloway, Franklin, 48.6 hp. Pierce-Arrow.
2850. Henry O. King, Claremont, 25.6 hp. Cadillac.
2851. Roy D. Clark, Sandown, 22.5 hp. Ford.
2852. Orren D. Bailey, Lakeport, 24 hp. Stevens.
2853. Harris H. Rice, Rindge, 40 hp. Knox.
2854. Harry A. Campbell, Franklin, 22.5 hp. Hudson.
2855. G. W. Straw, Claremont, 22.5 hp. Ford.
2856. Ira G. Studley, Rochester, 28.9 hp. Buick.
2857. Harris A. Morse, Tilton, 22.5 hp. Ford.
2858. Arthur B. Simonds, Franklin, 28.9 hp. Knox.
2859. Fred L. Perkins, Holderness, 19.6 hp. Empire.
2860. Clarence A. Parker, West Swanzey, 14.4 hp. Ford.
2861. John C. Pike, Brookfield, 28.9 hp. Buick.
2862. John M. Burton, Temple, 45 hp. Lozier.
2863. Dickerman & Co., Concord, 22.5 hp. Metz.
2864. Horace W. Frost, Claremont, 48.6 hp. Ford.
2865. James Marshall, Dover, 22.5 hp. Buick.
2866. Fred C. Hammond, Raymond, 18 hp. Peerless.
2867. Joseph R. Streeter, Berlin, 6.2 hp. Brush.
2868. John S. Putney, Webster, 22.5 hp. Chalmers.
2869. Arthur De Montigny, Nashua, 25.6 hp. Overland.
2870. Charles N. Colburn, Nashua, 25.6 hp. Overland.
2871. Lawrence K. Ford, Woodsville, 10 hp. Stanley.
2872. G. Albert Wood, Concord, 28.9 hp. Buick.
2873. Joseph F. Griffin, Manchester, 38.4 hp. Everitt.
2874. Alfred M. Kelle, Hill, 22 hp. Dort.
2875. Frederic J. LaFarr, Milford, 22.5 hp. Buick.
2876. Otty E. Decato, Dorchester, 18 hp. Reo.
2877. Louis Herschel, Cornish, 16.2 hp. Buick.
2878. Charles Pelissier, Concord, 25.6 hp. Buick.
2879. John S. Childs, Hillsborough, 40 hp. Stoddard-Dayton.
2880. George G. Tolford, Wilton, 14.5 hp. Maxwell.
2881. Henry I. Foster, Claremont, 25.6 hp. Metz.
2882. C. F. Flanders, Manchester, 40 hp. Speedwell.
2883. Ella Palmer, Portsmouth, 38 hp. Everitt.
2884. Joseph R. Streeter, Berlin, 25.6 hp. E. M. F.
2885. Charles E. Tilton, Tilton, 48.6 hp. Packard.
2886. Francis W. Calley, Bristol, 28.9 hp. Cadillac.
2887. George P. Rollins, Laconia, 12.8 hp. Ford.
2888. Robert McCullough, Manchester, 28.9 hp. Maxwell.
2889. Andy Holt, Lyndeboro, 25.6 hp. Reo.



2890. Edwin L. Gresley, Manchester, 22.5 hp. Ford.
2891. C. O. Randall, North Conway, 32.4 hp. Overland.
2892. Charles H. Jameson, Colebrook, 28.9 hp. Mitchell.
2893. Charles A. Young, Easton, 25.6 hp. Cadillac.
2894. Arthur F. Tebbetts, Dover, 22.5 hp. Overland.
2895. Elmer W. Eaton, Nashua, 32.4 hp. Buick.
2896. Henry P. Kent, Lancaster, 54.1 hp. Stevens.
2897. Fred Parker, Lisbon, 25.6 hp. Buick.
2898. Wilbert W. Blanchard, Nashua, 22.5 hp. Ford.
2899. Francis H. Vallender, Berlin, 9 hp. Reo.
2900. Roy E. George, Concord, 32.4 hp. Premier.
2901. Fred E. Colbath, Farmington, 36.1 hp. Oldsmobile.
2902. Harry E. Wheeler, Manchester, 22.5 hp. Ford.
2903. Charles W. Ames, Suncook, 18 hp. Franklin.
2904. Wheatley A. Cook, West Stewartstown, 25.6 hp. Buick.
2905. William H. McAnerlin, Laconia, 22.5 hp. Ford.
2906. Ruth M. Parkman, Stratham, 18 hp. Buick.
2907. Thomas E. Barr, Bedford, 24 hp. Stoddard-Courier.
2908. George S. Rogers, Lebanon, 40 hp. Marmon.
2909. Superior Tap Co., Charlestown, 40 hp. Auburn.
2910. Louis G. Duhaime, Manchester, 28.9 hp. Cadillac.
2911. Herbert W. Stone, Jr., Newport, 32.4 hp. Buick.
2912. Frederick H. Brown, Lebanon, 22.5 hp. Ford.
2913. Roscoe Hill, Epsom, 22.5 hp. Maxwell.
2914. Albert L. Hale, Rindge, 22.5 hp. Regal.
2915. Abraham F. Emerson, Manchester, 25.6 hp. Paterson.
2916. Edward C. Batchelder, Dover, 26 hp. Pullman.
2917. Lewis F. Boyle, Lincoln, 27.2 hp. Pope.
2918. Thomas R. Varick, Manchester, 40 hp. Packard.
2919. Walter C. Rowe, Andover, 22.5 hp. Buick.
2920. Joseph Hamel, West Stewartstown, 10 hp. Cadillac.
2921. Max Solomon, Franklin, 22.5 hp. Buick.
2922. Alfred T. Young, Easton, 28.9 hp. Maxwell.
2923. Lewis Crawford, Lancaster, 20 hp. International.
2924. J. Arthur Williams, Manchester, 25.6 hp. Hudson.
2925. Roy K. Dennison, East Andover, 20 hp. Overland.
2926. Lewis J. Campbell, Lebanon, 22.5 hp. Buick.
2927. William L. Childs, Henniker, 25.6 hp. E. M. F.
2928. Frank W. Davis, Conway, 32.4 hp. Oakland.
2929. Ben S. Webb, Lisbon, 28.9 hp. Premier.
2930. Ellen F. Nason, Claremont, 48.6 hp. Packard.
2931. Alfred E. Tilton, Tilton, 32.4 hp. Elmore.
2932. Helen D. Bridge, Walpole, 32.4 hp. Packard.
2933. Arthur M. Mills, Walpole, 22 hp. Buick.
2934. Fred G. Huntley, Marlow, 25.6 hp. Regal.
2935. Arthur A. Lewis, Claremont, 25.6 hp. Overland.
2936. Harry D. Greene, Littleton, 25.6 hp. Reo.
2937. Wilbert S. Davis, Sanbornville, 28.9 hp. Maxwell.
2938. Joseph I. Prescott, Meredith, 28.9 hp. Buick.
2939. Arthur W. Hayden, Boston, Mass., 36 hp. Stevens-Duryea.
2940. Reuben P. Grant, Manchester, 22.5 hp. Ford.
2941. Frank G. Smith, Plymouth, 12 hp. Reo.
2942. Byron L. Jones, New London, 25.6 hp. Buick.
- 2943.† Clara Van Horn, Holderness, 40 hp. Packard.
2944. True E. Prescott, Laconia, 28.9 hp. Chalmers.
2945. James A. Wellman, Manchester, 43.8 hp. Stevens.
2946. Horace P. Montgomery, Portsmouth, 22.5 hp. Ford.
2947. Henry A. Leighton, Woodsville, 16.2 hp. Buick.
2948. Robert A. McKelvey, Whitefield, 27.2 hp. Packard.
2949. Justin B. Sargent, West Lebanon, 25.6 hp. Elmore.
2950. Harry E. Leavitt, Pittsfield, 16.9 hp. Hupmobile.
2951. Walter G. Perry, Keene, 25.6 hp. Buick.
2952. Edgar O. Crossman, Portsmouth, 18 hp. Ford.
2953. George H. Eastman, Weare, 28.9 hp. Buick.
2954. George A. Palmer, Auburn, 28.9 hp. Inter-State.
2955. Shirley Merrill, Manchester, 13.6 hp. Sears.
2956. Irvin C. White, Keene, 20 hp. Maxwell.
2957. George W. Robie, Hooksett, 22.5 hp. Metz.
2958. Edward B. Holbrook, Swanzey, 10 hp. Stanley.
2959. C. N. Merrill & Son, Bristol, 20 hp. Reo.

2960. Albert W. Sawyer, North Woodstock, 20 hp. Reo.
2961. George F. Babb, Farmington, 22.5 hp. Reo.
2962. Maurice R. Wright, Little Boar's Head, 12.8 hp. Schacht.
2963. Pierre P. Paradis, Somersworth, 14.5 hp. Maxwell.
2964. Rodney P. Charles, Jackson, 25.6 hp. Oldsmobile.
2965. C. S. Burnham, Center Sandwich, 10 hp. Cadillac.
2966. Ashley P. Whipple, Bristol, 40 hp. Speedwell.
2967. Frank W. Card, Atkinson, 18.2 hp. Ford.
2968. Roscoe E. Lane, Hill, 14.5 hp. Maxwell.
2969. Lewis Hersom, Newmarket, 22 hp. Ford.
2970. Edward P. Storrs, Hanover, 25.6 hp. Reo.
2971. Frank L. Colbroth, Conway, 10 hp. Stanley.
2972. Daniel W. Hodgdon, Berlin, 25.6 hp. Reo.
2973. Robert V. Rice, West Rindge, 16.9 hp. Pope-Tribune.
2974. J. F. Draper, Plymouth, 54.1 hp. Stevens.
2975. Charles H. Dow, Lakeport, 38 hp. Rambler.
2976. Hazen W. Batchelder, Raymond, 27.2 hp. Pierce-Arrow.
2977. George A. Colbath, Whitefield, 32.4 hp. Buick.
2978. Carl E. Foster, Dublin, 25.6 hp. Reo.
2979. William D. Clark, Amherst, 32.4 hp. Overland.
2980. Justin H. Yeaton, West Rye, 8.1 hp. Cadillac.
2981. Ernest S. Hannaford, Gorham, 25.6 hp. Reo.
2982. Joseph W. Morrison, Northfield, 36.1 hp. Stevens.
2983. Joseph H. Breck, Bristol, 18 hp. Reo.
2984. Manchester Water-Works, Manchester, 32 hp. Peerless.
2985. I. N. Fowler, Lebanon, 16.2 hp. Maxwell.
2986. Fred M. Simmons, Lebanon, 28.9 hp. Cadillac.
2987. Edgar H. Naramore, Winchester, 22.5 hp. Ford.
2988. Henry H. Dole, Langdon, 22.5 hp. Ford.
2989. Frank Shapleigh, Middleton, 25.6 hp. Maxwell.
2990. William P. Caron, Jefferson, 22.5 hp. Buick.
2991. Delwin A. Munsey, Hampton Beach, 12.8 hp. Maxwell.
2992. Fred P. Weeks, Plymouth, 36.1 hp. Stevens.
2993. E. H. Hallett, Lisbon, 25.6 hp. Overland.
2994. Forrest L. Carey, Keene, 12.8 hp. Maxwell.
2995. Timothy McGoldrick, Lincoln, 25.6 hp. Chalmers.
2996. Charles W. Ham, Portsmouth, 28.9 hp. Overland.
2997. Timothy McGoldrick, Lincoln, 44.1 hp. Lozier.
2998. I. Frank Stevens, Nashua, 60 hp. Pierce-Arrow.
2999. J. Edward Baker, Manchester, 28.9 hp. Maxwell.
3000. George A. Hart, East Jaffrey, 27.2 hp. Regal.
3001. Frank A. Fox, North Woodstock, 20 hp. Maxwell.
3002. George W. Parker, Keene, 22.5 hp. Ford.
3003. Edward L. Carroll, Warner, 32.4 hp. Marmon.
3004. Charles H. Thomas, Tilton, 24.3 hp. Elmore.
3005. George B. La Bonta, East Weare, 9 hp. Reo.
3006. William D. Taylor, Goffstown, 28.9 hp. Mitchell.
3007. Bowles & Hoskins Co., Lisbon, 28.9 hp. Buick.
3008. Robert E. Faulkner, Keene, 25.6 hp. Chalmers.
3009. C. I. Cole, Henniker, 22.5 hp. Metz.
3010. John S. Gray, Woodstock, 22.5 hp. Ford.
3011. Orin M. Holman, North Stratford, 20.2 hp. Flanders.
3012. Fred C. Gleason, Warren, 18 hp. Reo.
3013. Everett A. Marshall, Goffstown, 20 hp. Pope-Hartford.
3014. Fred W. Taylor, Durham, 22.5 hp. Ford.
3015. Perley S. Bemis, Chesham, 25.6 hp. Chalmers.
3016. George E. Whitcomb, Jr., West Swanzey, 20.2 hp. Stoddard-Dayton.
3017. Francis L. Gerald, Warren, 9 hp. Reo.
3018. Harry W. Priest, Newcastle, 43.8 hp. Stevens.
3019. New England Telephone & Telegraph Co., Manchester, 10 hp. Brush.
3020. Clarence M. Dore, Alton, 14 hp. Maxwell.
3021. New England Telephone & Telegraph Co., Manchester, 10 hp. Brush.
3022. Enos G. Perkins, Conway, 22.5 hp. Ford.
3023. Ella S. Nutter, Nashua, 22.5 hp. Ford.
3024. New England Telephone & Telegraph Co., Manchester, 10 hp. Brush.
3025. Fred F. Badger, Bethlehem, 22.5 hp. Ford.
3026. Edgar T. Barcalow, Keene, 22.5 hp. Chalmers.
3027. John Rourke, Concord, 28.9 hp. Buick.
3028. S. W. Hubbard, Woodsville, 18 hp. Reo.
3029. Harry C. Lacy, East Jaffrey, 20 hp. Maxwell.



- 3030. Charles R. Follansbee, Sutton, 32.4 hp. Oakland.
- 3031. Eugene M. Worthen, Concord, 25.6 hp. E. M. F.
- 3032. Samuel O. Kimball, Tamworth, 25.6 hp. Reo.
- 3033. Lyford A. Merrow, Center Ossipee, 32.4 hp. Cadillac.
- 3034. Samuel J. Gilman, Madison, 22.5 hp. Maxwell.
- 3035. Albert A. Smith, Belmont, 25.6 hp. E. M. F.
- 3036. Walter I. Lee, Campton, 22.5 hp. Metz.
- 3037. Alphonse Lemay, Lebanon, 22.5 hp. Buick.
- 3038. Edward H. Sturtevant, Franklin, 46 hp. Marmon.
- 3039. George P. Loveland, Rumney, 25.6 hp. Chalmers.
- 3040. Lewis H. Loveland, Rumney, 16.2 hp. Buick.
- 3041. Joseph B. Clay, Sutton, 32.4 hp. Oakland.
- 3042. H. R. Chadwick, North Sutton, 25.6 hp. Franklin.
- 3043. John Thatcher, Campton, 22.5 hp. Metz.
- 3044. Jesse E. Nason, Freedom, 16.9 hp. Hupmobile.
- 3045. Forrest L. Marsh, Milton Mills, 16.2 hp. Buick.
- 3046. James F. Wyman, Manchester, 18.2 hp. Ford.
- 3047. Joseph B. Bartlett, Derry, 46 hp. American.
- 3048. William K. Kimball, Rochester, 20 hp. Stanley.
- 3049. James M. George, Goffstown, 25.6 hp. Regal.
- 3050. John A. Dunstane, Concord, 12.8 hp. Maxwell.
- 3051. Edwin S. Carpenter, Newmarket, 40 hp. Buick.
- 3052. Irma W. Harding, Portsmouth, 12.8 hp. Maxwell.
- 3053. William G. Wiggins, Portsmouth, 25.6 hp. Reo.
- 3054. Edward P. Storrs, Hanover, 18 hp. Reo.
- 3055. Fred H. Robinson, Jackson, 38 hp. Peerless.
- 3056. Harry Hargreaves, Meredith, 28.9 hp. Marion.
- 3057. Joseph R. Sawyer, North Woodstock, 14.5 hp. Maxwell.
- 3058. Edgar B. Call, Newport, 22.5 hp. Ford.
- 3059. Lyman S. Hooke, Fremont, 22.5 hp. Ford.
- 3060. Clifton S. Abbott, Laconia, 32.4 hp. Rambler.
- 3061. George H. Hamlin, Milan, 22.5 hp. Ford.
- 3062. Ralph G. Carpenter, Wolfeboro, 48 hp. Peerless.
- 3063.† William H. Wright, Laconia, 22.5 hp. Ford.
- 3064. William J. Beattie, Littleton, 32.4 hp. Cadillac.
- 3065. Ralph G. Carpenter, Wolfeboro, 18.2 hp. Franklin.
- 3066. Ira W. Whidden, Portsmouth, 22.5 hp. Maxwell.
- 3067. Joseph Thibault, Berlin, 22.5 hp. Ford.
- 3068. Harry L. Moore, Wolfeboro, 16 hp. Maxwell.
- 3069. Moses Philbrick, Rye Beach, 8 hp. Cadillac.
- 3070. John H. Pender, Keene, 10 hp. Stanley.
- 3071. Edward G. Paige, Weare, 28.9 hp. Cadillac.
- 3072. Seth S. Mullin, Bartlett, 19.6 hp. Oakland.
- 3073. Charles F. Sinclair, Glen, 22.5 hp. Ford.
- 3074. Fred P. Meader, Rochester, 27.2 hp. Reo.
- 3075. George H. Morrison, Whitefield, 28.9 hp. Maxwell.
- 3076. Fred E. Frost, West Concord, 25.6 hp. Maxwell.
- 3077. Bryant Strong, Jaffrey, 22.5 hp. Ford.
- 3078. Wilbur A. Young, Sunapee, 22.5 hp. Ford.
- 3079. George L. Wheeler, North Sutton, 25.6 hp. Maxwell.
- 3080. Charles A. Ford, Orange, 20 hp. International.
- 3081. Edwin M. Smith, Nashua, 6 hp. Stanley.
- 3082. Carl S. Fuller, Manchester, 43.8 hp. Thomas.
- 3083. James A. Massie, Penacook, 23 hp. Elmore.
- 3084. Frank H. Wright, Keene, 32.4 hp. Jackson.
- 3085. Alfred K. Hills, Hudson, 32.4 hp. Packard.
- 3086. Angelo H. Fowler, Hill, 19.6 hp. Ford.
- 3087. Walter M. White, Springfield, Vt., 32.4 hp. Cadillac.
- 3088. Dana D. Wilder, Gilsum, 10.5 hp. Maxwell.
- 3089. Ernest A. Hodgman, Gorham, 18 hp. Reo.
- 3090. Dow J. Hart, Marlborough, 32.4 hp. Buick.
- 3091. Louis A. Piper, Keene, 32.4 hp. Inter-State.
- 3092. Joseph Griffin, Goffstown, 22.5 hp. Ford.
- 3093. Edwin H. Thomas, Farmington, 22.5 hp. Overland.
- 3094. Charles E. Cooper and Isaac N. Perley, Lebanon, 32.4 hp. Rambler.
- 3095. Clara F. Bass, Peterborough, 48.6 hp. Packard.
- 3096. James O'Brien, Hinsdale, 36 hp. Cameron.
- 3097. George H. Guptill, Raymond, 14.5 hp. Maxwell.
- 3098. Ai T. Gilman, Alton, 22.5 hp. Metz.
- 3099. Hayman H. Cohen, Peterborough, 27.2 hp. E. M. F.

3100. John E. Townsend, Milton Mills, 46 hp. Marmon.
3101. Louisa Jones, North Conway, 43.8 hp. Pierce-Arrow.
3102. Walter F. Oakman, Swansey, 20 hp. Maxwell.
3103. George H. Tilton, Littleton, 48.6 hp. Pierce-Arrow.
3104. Harry A. Sleeper, Claremont, 12.8 hp. Maxwell.
3105. John M. Felker, Strafford, 12.8 hp. Maxwell.
3106. Charles P. Wells, Nashua, 25.6 hp. Rambler.
3107. Frank C. Collins, Laconia, 18.2 hp. Flanders.
3108. Harold E. Randall, West Chesterfield, 10 hp. Cadillac.
3109. Fred H. Poore, Goffstown, 25.6 hp. Overland.
3110. Alfred M. Butler, East Jaffrey, 36.1 hp. Imperial.
3111. Montgomery Rollins, Dover, 40 hp. Packard.
3112. Ernest A. Cilley, East Weare, 28.9 hp. Lambert.
3113. Daniel C. Woodman, Whitefield, 28.9 hp. Maxwell.
3114. Walter E. Locke, Northwood Ridge, 22.5 hp. Overland.
3115. John J. McNamara, Salem Depot, 32.4 hp. Buick.
3116. Patrick A. Clifford, Concord, 22 hp. Buick.
3117. John L. Meader, Gonic, 22.5 hp. Buick.
3118. Montgomery Rollins, Dover, 25.6 hp. Hudson.
3119. William P. Piske, Concord, 33.7 hp. Mitchell.
3120. George E. Gordon, Suncook, 28.9 hp. Jackson.
3121. Hubert E. Berry, Plymouth, 22.5 hp. Buick.
3122. Charles J. Hadley, Manchester, 25.6 hp. Hudson.
3123. Frank W. Rice, Portsmouth, 28.9 hp. Buick.
3124. Anson C. Alexander, Penacook, 25.6 hp. Cadillac.
3125. Edwin J. Place, Epsom, 6½ hp. Stanley.
3126. Frederick M. Robertson, Bristol, 18 hp. Reo.
3127. William J. Bethune, Manchester, 28.9 hp. Mitchell.
3128. Frank S. Shepard, New London, 25.6 hp. Flanders.
3129. Amy E. Jackson, Dover, 10 hp. Oldsmobile.
3130. Waistel A. Rice, Concord, 22.5 hp. Ford.
3131. Andrew J. Kidder, New London, 32.4 hp. Buick.
3132. James P. Farnam, Hanover, 22.5 hp. Ford.
3133. William B. Aldrich, Dalton, 32.4 hp. Oakland.
3134. William S. Putney, Penacook, 22.5 hp. Ford.
3135. Laburton G. Cilley, Exeter, 25.6 hp. Buick.
3136. Laurence G. Ross, Newport, 18 hp. Buick.
3137. Albert W. Smith, Portsmouth, 7½ hp. Waltham.
3138. Bertell L. Talbot, Peterborough, 25.6 hp. Reo.
3139. Edward F. Hamlin, Union, 27.2 hp. E. M. F.
3140. Benjamin J. Craggy, Manchester, 12.8 hp. Maxwell.
3141. Stephen H. Gale, Exeter, 32.4 hp. Cadillac.
3142. Fred Rowe, Milton Mills, 27.2 hp. Overland.
3143. C. E. Capron, Winchester, 30 hp. Grout.
3144. Albert W. White, Kingston, 25.6 hp. Overland.
3145. James E. Currier, Manchester, 43.8 hp. Mitchell.
3146. Albert N. Dow, Exeter, 32.4 hp. Buick.
3147. Edward R. Weeks, Greenland, 25.6 hp. E. M. F.
3148. Edward W. Rollins, Dover, 28.9 hp. Packard.
3149. Quirin Bros., Manchester, 28.9 hp. Federal.
3150. Charles W. Adams, Franklin, 32.4 hp. Cadillac.
3151. Alonzo H. Worthley, Bristol, 13.6 hp. Sears.
3152. Patrick J. McManus, Dover, 10 hp. Stanley.
3153. Fred L. Bodwell, Dover, 20.2 hp. Flanders.
3154. James H. Johnson, Bradford, 12.8 hp. Maxwell.
3155. George E. Crawley, Mont Vernon, 18 hp. Reo.
3156. Wilbur A. Marshall, Colebrook, 32.4 hp. Oakland.
3157. Alonzo S. Douglass, East Haverhill, 32.4 hp. Cadillac.
3158. Frank Strong, Littleton, 25.6 hp. Studebaker.
3159. L. J. Farrell, Manchester, 48.6 hp. Winton.
3160. Johnson Clark, South Tamworth, 12.8 hp. Maxwell.
3161. Isaac H. Atherton, Union, 38.4 hp. Stevens.
3162. William H. Maxwell, Manchester, 28.9 hp. Stearns.
3163. Winnepesaukee Telephone Co., Laconia, 6.4 hp. Brush.
3164. William Heard, Center Sandwich, 28.9 hp. Chalmers.
3165. Burt W. Carr, Pittsfield, 22.5 hp. Buick.
- 3166.† Henry M. Wiggins, Whitefield, 22.5 hp. Overland.
3167. John B. Bean, Lebanon, 28.9 hp. Cadillac.
3168. Welby W. Corbett, Colebrook, 28.9 hp. Mitchell.
3169. Herbert H. Austin, Milford, 25.6 hp. E. M. F.

3170. George E. Kelly, Lakeport, 12.8 hp. Maxwell.
3171. Harris W. Hammond, Bridgewater, 18 hp. Reo.
3172. Curtis E. Dalton, Suncook, 22.5 hp. Ford.
3173. Frank H. Pearson, Stratham, 14 hp. International.
3174. Parker J. Noyes, Lancaster, 25.6 hp. Hudson.
3175. David E. Murphy, Concord, 40 hp. Welch.
3176. Fred P. Emery, Hanover, 32.4 hp. Pope-Hartford.
3177. Albert R. Hatch, Greenland, 22.5 hp. Ford.
3178. Luther Buber, Berlin, 25.6 hp. Reo.
3179. John B. Varick Co., Manchester, 28.9 hp. Federal.
3180. Edward C. Spalding, Munsonville, 32.4 hp. Cadillac.
3181. Sam C. Blodgett, Woodsville, 32.4 hp. Cadillac.
3182. Albert H. Winn, Dover, 28 hp. Overland.
3183. Samuel H. Crossman, Hampton, 12 hp. Maxwell.
3184. Charles M. Raley, Claremont, 28.9 hp. Aerocar.
3185. L. C. Aldrich, Jefferson, 22.5 hp. Mitchell.
3186. George H. Bartlett, Sunapee, 45 hp. Austin.
3187. George A. Tenney, Claremont, 32.4 hp. Cadillac.
3188. Solon R. Baker, Gilmanton, 12.8 hp. Maxwell.
3189. James C. Trickey, Whitefield, 25.6 hp. Oakland.
3190. Harry L. Russell, Keene, 32.4 hp. Packard.
3191. George E. Adams, Peterborough, 48.6 hp. Pierce-Arrow.
3192. Charles H. Shaw, Ashland, 22.5 hp. Ford.
3193. Perley J. Abbott, Wilton, 20¼ hp. Studebaker.
3194. Fred Sanborn, Fremont, 25.6 hp. Overland.
3195. Frank Spooner, Lancaster, 25.6 hp. E. M. F.
3196. George E. Tuttle, Peterborough, 21.7 hp. Atlas.
3197. Edward H. Joslin, Keene, 54.1 hp. Stevens.
3198. Thomas W. Peavey, Rochester, 22.5 hp. Ford.
3199. Edward Burnett, Peterborough, 27.2 hp. E. M. F.
3200. Clarence Ela, Conway, 25.6 hp. Overland.
3201. Bert D. Chadwick, Concord, 10 hp. Olds.
3202. Dan L. Hill, Keene, 30 hp. White.
3203. Daniel Catlin, Monadnock, 48.6 hp. Pierce-Arrow.
3204. Obed W. Gordon, Woodsville, 18 hp. Reo.
3205. Frank Olsen, Manchester, 22.5 hp. Ford.
3206. Herbert W. Ray, Chester, 22.5 hp. Ford.
3207. Frank B. Woodward, Lakeport, 16.2 hp. Reo.
3208. Edward C. Atwood, Bath, 25.6 hp. Overland.
3209. Edson M. Abbot, Rochester, 22.5 hp. Ford.
3210. Joseph B. Perley, Enfield, 22.5 hp. Ford.
3211. Byron W. Blodgett, Manchester, 32.4 hp. Sampson.
3212. Delta C. Hart, Farmington, 18 hp. Reo.
3213. Samuel P. McKenzie, Laconia, 22.5 hp. Buick.
3214. Horace P. Hurd, New London, 28.9 hp. Maxwell.
3215. Sidney S. Twitchell, Milan, 28.9 hp. Maxwell.
3216. Roy & Gadbois, Manchester, 30 hp. Pierce-Arrow.
3217. Leroy A. Glines, Canterbury, 20 hp. Flanders.
3218. A. H. Harriman, Laconia, 22.5 hp. Ford.
3219. Georgie W. Yeatman, East Jaffrey, 40 hp. White.
3220. Arthur C. Call, Contoocook, 22.5 hp. Overland.
3221. Eugene A. Prescott, Kingston, 16.2 hp. Buick.
3222. Thomas E. Cunningham, Manchester, 32.4 hp. Cole.
3223. Albert L. Martin, Jefferson, 25.6 hp. E. M. F.
3224. H. S. Salt, Pembroke, 38 hp. Columbia.
3225. Charles W. Pinkham, Center Tuftonboro, 20 hp. Reo.
3226. Jacob R. Estabrook, Hanover, 10 hp. Stanley.
3227. Warren H. Chase, East Deering, 28.9 hp. Ford.
3228. Ernest S. Cross, Randolph, 25.6 hp. Oakland.
3229. Edgar R. Champlin, Rye Beach, 22.5 hp. Ford.
3230. Charles R. Horlor, Somersworth, 12.8 hp. Maxwell.
3231. Louis G. Bailey, Lancaster, 28.9 hp. Mitchell.
3232. Clarence L. Martin, Claremont, 22.5 hp. Ford.
3233. John E. Smith, Plymouth, 22.5 hp. Overland.
3234. Joseph O. Gelinas, Manchester, 16.2 hp. Queen.
3235. S. Feldman, Manchester, 33.7 hp. Mitchell.
3236. Delana B. Curtis, Manchester, 43.8 hp. Mitchell.
3237. American Locomotive Company, Manchester, 40 hp. Alco.
3238. Benjamin Piscapo, Laconia, 48 hp. Packard.
3239. Alva W. Dickerman, Keene, 22.5 hp. Ford.

- 3240. Daniel F. Giles, Concord, 28.9 hp. Great Western.
- 3241. Frank L. Abbott, Auburn, Me., 22.5 hp. Ford.
- 3242. Charlotte S. Draper, Wilton, 16.2 hp. Maxwell.
- 3243. Stephen Valla, Wolfeboro, 30 hp. Overland.
- 3244. William S. Carter, Lebanon, 32.4 hp. Marmon.
- 3245. Elkanah Trask, Dover, 32.4 hp. Buick.
- 3246. Samuel W. Bailey, Haverhill, 22.5 hp. Buick.
- 3247. John M. Mitchell, Concord, 32.4 hp. Cole.
- 3248. Fred E. Brvar, Sandwich, 12.8 hp. Maxwell.
- 3249. Charles A. Duntley, Farmington, 22.5 hp. Ford.
- 3250. Fred B. Taylor, Concord, 36.1 hp. Stevens.
- 3251. Edward E. Googin, Farmington, 28.9 hp. Knox.
- 3252. Jennie R. Dillon, East Jaffrey, 28.9 hp. Cadillac.
- 3253. John R. Parker, Stewartstown, 22.5 hp. Ford.
- 3254. Arthur M. Heard, Manchester, 43.8 hp. Stevens.
- 3255. Harold E. Batchelder, Northwood, 24.2 hp. Grabowsky.
- 3256. Harvey C. Hayes, Dublin, 22.5 hp. Ford.
- 3257. Allen A. Varney, Bethlehem, 28.9 hp. Maxwell.
- 3258. Marsh Peasley, Claremont, 25.6 hp. Maxwell.
- 3259. A. Roscoe Tuttle, Gonic, 20 hp. Reo.
- 3260. A. S. Annis, Rochester, 18 hp. Reo.
- 3261. Valentine A. Hett, Portsmouth, 16 hp. Buick.
- 3262. Edwin J. McIntire, Manchester, 30.6 hp. Overland.
- 3263. Newton A. Frost, Hanover, 32.4 hp. Cadillac.
- 3264. Lewis B. Tuttle, Rochester, 25.6 hp. Buick.
- 3265. Charles C. MacDonald, Gorham, 22.5 hp. Buick.
- 3266. William C. Brooks, Freedom, 28.9 hp. Maxwell.
- 3267. Edwin F. Currier, Tamworth, 18 hp. Reo.
- 3268. Robert F. Oliver, Warner, 12.8 hp. Maxwell.
- 3269. Sarah W. Wigglesworth, Jackson, 30 hp. Peerless.
- 3270. William H. Seward, Exeter, 25.6 hp. Oakland.
- 3271. Marie M. Whitcomb, Stratham, 48.6 hp. Peerless.
- 3272. Edward A. Nelson, East Swanzey, 32.4 hp. Buick.
- 3273. LeMay Shoe Co., Nashua, 20 hp. Columbia.
- 3274. Arthur E. Stone, Fitzwilliam, 16.2 hp. Reo.
- 3275. Charles Flanders, Brentwood, 28.9 hp. Overland.
- 3276. John H. Grimes, Hillsborough, 32.4 hp. Cole.
- 3277. Sherman G. Hunt, Whitefield, 25.6 hp. Reo.
- 3278. Daniel W. Campbell, Enfield, 22.5 hp. Ford.
- 3279. B. A. Emery, Lyme, 25.6 hp. Ford.
- 3280. Sherman G. Hunt, Whitefield, 19.6 hp. Poss.
- 3281. William H. Elliot, Keene, 12.8 hp. Holsman.
- 3282. John F. Wheeler, Lempster, 25.6 hp. Buick.
- 3283. Harry H. Jones, Lancaster, 25.6 hp. Cadillac.
- 3284. Frank S. Burnell, Bartlett, 7.2 hp. Maxwell.
- 3285. Stewart Bros., Lebanon, 16.2 hp. Buick.
- 3286. Edward M. Carter, Hanover, 32.4 hp. Cadillac.
- 3287. George H. Fifield, Alton, 36.1 hp. Overland.
- 3288. Charles W. Lapham, Nashua, 22.5 hp. Ford.
- 3289. John W. Crawshaw, Jefferson, 36.1 hp. Thomas.
- 3290. Chester L. Lane, East Swanzey, 32.4 hp. Cadillac.
- 3291. George B. Leighton, Dublin, 22.5 hp. Courier.
- 3292. John P. Wentworth, Wakefield, 20.2 hp. Ford.
- 3293. Herbert F. Whitehouse, Lebanon, Me., 16.2 hp. Buick.
- 3294. George H. Wyatt, Dover, 28.9 hp. Chalmers.
- 3295. Harris M. Shaw, Dover, 32.4 hp. Buick.
- 3296. Charles S. Davis, Lebanon, 22.5 hp. Buick.
- 3297. Lewis H. Colby, Claremont, 22.5 hp. Ford.
- 3298. George E. Scribner, Ashland, 36.1 hp. Speedwell.
- 3299. William O. Robinson, Moultonborough, 25.6 hp. Hudson.
- 3300. William H. Head, Hooksett, 28.9 hp. Maxwell.
- 3301. Ellon A. Safford, Spofford, 25.6 hp. Selden.
- 3302. Edward T. Gonyer, Woodsville, 16.2 hp. Buick.
- 3303. Charles T. Farnham, Manchester, 20 hp. Stanley.
- 3304. John H. Bartlett, Portsmouth, 22.5 hp. Buick.
- 3305. Bayard T. Mousley, Alstead, 22.5 hp. Ford.
- 3306. Francis W. Kittredge, North Hampton, 40 hp. Packard.
- 3307. Alfred C. Durgin, Lee, 22.5 hp. Ford.
- 3308. Joseph W. Todd, Bristol, 18 hp. Buick.
- 3309. William J. Williams, Lebanon, 32.4 hp. Oakland.

3310. George F. Wolcott, North Conway, 22.5 hp. Ford.  
3311. Sewell M. Hobson, Conway, 22.5 hp. Ford.  
3312. Joseph E. Sanborn, Campton, 28.9 hp. Buick.  
3313. Charles W. Barney, Claremont, 22.5 hp. Ford.  
3314. Fred B. Quimby, Newport, 22.5 hp. Buick.  
3315. Frank G. Whitney, Grantham, 22.5 hp. Ford.  
3316. Fred A. Williams, Littleton, 16.2 hp. Buick.  
3317. Harry W. Sedgell, Cornish, 28.9 hp. Maxwell.  
3318. Walter H. Chase, Bath, 10 hp. Stanley.  
3319. Joseph Shields, Berlin, 22.5 hp. Buick.  
3320. John T. Coolidge, Jr., Portsmouth, 32.4 hp. Velie.  
3321. Augusta H. Saint Gaudens, Cornish, 48.6 hp. Pierce-Arrow.  
3322. Dixi C. Wiggins, Lebanon, 12.8 hp. Maxwell.  
3323. White & Hodgdon, Portsmouth, 10 hp. Cadillac.  
3324. Clarence A. Corning, Plaistow, 25.6 hp. Overland.  
3325. Nellie M. H. Taylor, Exeter, 25.6 hp. Reo.  
3326. George A. Demers, Sanbornville, 22.5 hp. Ford.  
3327. George O. Joslin, Bennington, 32.4 hp. Rambler.  
3328. Frank B. Sibley, Walpole, 28.9 hp. Cadillac.  
3329. Albert E. McReel, Exeter, 27.2 hp. Oakland.  
3330. Rufus Wood, Portsmouth, 20 hp. Ford.  
3331. Lester A. Van Orman, Manchester, 20 hp. Columbia.  
3332. George W. Dickson, Colebrook, 28.9 hp. Mitchell.  
3333. Edwin F. Jones, Manchester, 40 hp. Peerless.  
3334. F. Carleton Merrill, Laconia, 22.5 hp. Ford.  
3335. Alfred B. Sargent, North Danville, 20.2 hp. Flanders.  
3336.† William A. Lewis, Lancaster, 25.6 hp. Cadillac.  
3337. John H. Silsby, Cornish Flat, 20 hp. Stanley.  
3338. Walter S. Silsby, Cornish Flat, 20 hp. Stanley.  
3339. Edward C. Burnett, Dover, 28.9 hp. Maxwell.  
3340. John J. Smith, Berlin, 22.5 hp. Ford.  
3341. William H. Manahan, Jr., Hillsborough, 32.4 hp. Cadillac.  
3342. Morton J. Lyster, Whitefield, 32.4 hp. Marmon.  
3343. Annis Flour & Grain Co., Manchester, 40 hp. Knox.  
3344. William H. Knox, Madbury, 18 hp. Reo.  
3345. Joseph M. Stockman, Somersworth, 22.5 hp. Ford.  
3346. Charles A. Langmaid, Chichester, 22.5 hp. Ford.  
3347. Ara L. Sargent, Lakeport, 22.5 hp. Ford.  
3348. Wilbor F. Pike, North Haverhill, 16.2 hp. Maxwell.  
3349. Owen Kenney, Manchester, 38 hp. Everitt.  
3350. Clarence M. Collins, Danville, 25.6 hp. Cadillac.  
3351. George B. Cavis, Bristol, 32.4 hp. Buick.  
3352. Joseph Laporte, Milton Mills, 22.5 hp. Buick.  
3353. Frederick J. Rider, Portsmouth, 16.9 hp. Hupmobile.  
3354. Ernest V. D. Murphy, Concord, 25.6 hp. Rambler.  
3355. Oscar G. Piper, Meredith, 48.6 hp. Matheson.  
3356. Amedee Deschenes, East Jaffrey, 22.5 hp. Buick.  
3357. George A. Phelps, Concord, 54.1 hp. Stevens.  
3358. Joseph J. Richard, Nashua, 32.4 hp. Pullman.  
3359. Frank H. Durgin, Newmarket, 25.6 hp. E. M. F.  
3360. Robert N. Chamberlin, Berlin, 25.6 hp. Maxwell.  
3361. Frank M. Davis, Contoocook, 20 hp. Buick.  
3362. F. B. Williams, Dover, 38.4 hp. Pierce.  
3363. Thomas W. Parsons, Portsmouth, 12.8 hp. Maxwell.  
3364. Charles H. Dickinson, Bristol, 18 hp. Reo.  
3365. Clara S. Hay, Newbury, 30.6 hp. E. M. F.  
3366. Rodney C. Woodman, Milford, 16.2 hp. Reo.  
3367. James R. Jordan, Milan, 18 hp. Reo.  
3368. Clara S. Hay, Newbury, 20.2 hp. Flanders.  
3369. Pliny B. Dale, Wolfeboro, 8.1 hp. Cadillac.  
3370. Robert V. Sweet, Rochester, 46 hp. American.  
3371. William A. Crockett, Dover, 28.9 hp. Chalmers.  
3372. Henry M. Tucker, Portsmouth, 18 hp. Ford.  
3373. Adele G. Thayer, Dublin, 40 hp. Pierce-Arrow.  
3374. Walter F. Chapman, North Conway, 28.9 hp. Stoddard-Dayton.  
3375. L. S. Perley, Laconia, 32.4 hp. Maxwell.  
3376. Herbert C. Dav, Exeter, 25.6 hp. Buick.  
3377. Fred C. Hall, Belmont, 32.4 hp. Buick.  
3378. George Riel, Manchester, 32.4 hp. Elmore.  
3379. Mary E. Ward, Rochester, 32.4 hp. Rambler.



- 3380. William C. Gray, Derry, 28.9 hp. National.
- 3381. J. Eugene Willey, Milton, 28.9 hp. Overland.
- 3382. Irvén A. Merrill, Gorham, 25.6 hp. Regal.
- 3383. Peter T. Kean, Manchester, 25.6 hp. Maxwell.
- 3384. Harry W. Doran, Dover, 32.4 hp. Rambler.
- 3385. Thomas Lamb, Dover, 22.5 hp. Buick.
- 3386. George Wilcox, Laconia, 22.5 hp. Ford.
- 3387. George M. Snyder, Webster, 6½ hp. Stanley.
- 3388. George C. Humphreys, Portsmouth, 22.5 hp. Ford.
- 3389. Fred H. English, Littleton, 28.9 hp. Overland.
- 3390. Louis G. Cote, East Weare, 35 hp. Berkshire.
- 3391. Pressey & Jones, New London, 22 hp. Buick.
- 3392. George W. Riley, Laconia, 32.4 hp. Buick.
- 3393. George C. Whitcomb, Lebanon, 10 hp. Stanley.
- 3394. Karl M. Sholes, New London, 25.6 hp. Ford.
- 3395. Harrison Alexander, Derry, 28.9 hp. Pope-Hartford.
- 3396. Frank B. Morse, Enfield, 22.5 hp. Ford.
- 3397. Frederick L. Provencial, Lakeport, 22.5 hp. Ford.
- 3398. John M. K. Davis, New London, 22.5 hp. Ford.
- 3399. Ernest O. Remick, Jefferson, 20 hp. Stanley.
- 3400. Merton L. Hilliard, Pittsburg, 16.2 hp. Maxwell.
- 3401. Dan C. Pillsbury, West Rumney, 22.5 hp. Ford.
- 3402. Roy H. Spaulding, Ashland, 22.5 hp. Ford.
- 3403. Harry N. Twombly, Dover, 18 hp. Reo.
- 3404. Warren E. Drew, Colebrook, 16.2 hp. Maxwell.
- 3405. Edward C. Fuller, West Stewartstown, 28.9 hp. Mitchell.
- 3406. Amos R. Price, Gilmanston, 25.6 hp. Maxwell.
- 3407. John S. Ball, Washington, 22.5 hp. Ford.
- 3408. Willie C. Clark, Henniker, 22.5 hp. Buick.
- 3409. Edwin M. Smith, East Weare, 12.8 hp. Maxwell.
- 3410. Herbert J. Taft, Greenville, 32.4 hp. Cadillac.
- 3411. Frederick J. Franklyn, Cornish, 17.1 hp. Michigan.
- 3412. Allie F. Smith, North Woodstock, 18 hp. Acme.
- 3413. Frank E. Shattuck, Lebanon, 18 hp. Maxwell.
- 3414. Howard M. Jenness, North Hampton, 10 hp. Cadillac.
- 3415. Henry A. Olsen, Grafton, 8.5 hp. Stanley.
- 3416. Joseph O. Hayes, East Rochester, 40 hp. Buick.
- 3417. Theodore Wilmot, Rochester, 25.6 hp. Overland.
- 3418. Peter McCrystle, Berlin, 16.2 hp. Buick.
- 3419. Harry L. Marston, Berlin, 22.5 hp. Buick.
- 3420. Joseph P. Boucher, Groveton, 25.6 hp. Hudson.
- 3421. Arthur R. Corser, Concord, 22.5 hp. Ford.
- 3422. Eugene C. Gage, Hillsborough, 10 hp. Stanley.
- 3423. Jennie Hopkins, Potter Place, 32.4 hp. Hudson.
- 3424. John C. Moody, Penacook, 14.5 hp. Pope-Toledo.
- 3425. Raymond E. Manseau, Manchester, 22.5 hp. Regal.
- 3426. Charles W. Harrington, Peterborough, 25.6 hp. E. M. F.
- 3427. Frank E. Busiel, Laconia, 40 hp. Speedwell.
- 3428. John E. Johnson, Suncook, 12.8 hp. Maxwell.
- 3429. Cornelius E. Sears, Claremont, 22.5 hp. Ford.
- 3430. William H. White, Portsmouth, 10 hp. Cadillac.
- 3431. Elmer H. Percival, Gorham, 18 hp. Reo.
- 3432. George D. Clark, Littleton, 22.5 hp. Ford.
- 3433. J. Sterling Bristol, West Andover, 9 hp. Reo.
- 3434. Charles S. Buck, Rochester, 25.6 hp. Buick.
- 3435. Ralph N. Piper, Meredith, 22.5 hp. Ford.
- 3436.† Arsene Lavallee, Berlin, 25.6 hp. Cadillac.
- 3437. Walter E. Hart, Dover, 22.5 hp. Metz.
- 3438. Walter S. Gustin, Enfield, 25.6 hp. Oakland.
- 3439. Alvo G. Marshall, Colebrook, 25.6 hp. Cadillac.
- 3440. Oliver D. Eastman, Woodsville, 22.5 hp. Ford.
- 3441. L. W. Barbour, Colebrook, 16.2 hp. Maxwell.
- 3442. Charles H. Allen, Claremont, 22.5 hp. Ford.
- 3443. Bessie D. Burchsted, Concord, 16.9 hp. R. C. H.
- 3444. Bertram C. Smith, Gorham, 22.5 hp. Ford.
- 3445. John F. Bass, Peterborough, 25.6 hp. Autocar.
- 3446. Edwin P. Richmond, Manchester, 25.6 hp. Stoddard-Dayton.
- 3447. James Sullivan, Concord, 12.8 hp. Maxwell.
- 3448. Frank M. Hancock, Milan, 28.9 hp. Stoddard-Dayton.
- 3449. William D. Orthwein, Rye Beach, 48.6 hp. Matheson.



- 3450. Albert W. Noone, Peterborough, 30.6 hp. Everitt.
- 3451. Frances F. Cleveland, Tamworth, 40 hp. Packard.
- 3452. Charles P. F. Joyce, Kingston, 22.5 hp. Maxwell.
- 3453. Edwin Batchelder, Northwood, 25 hp. Overland.
- 3454. Charles Muzzy, Walpole, 10 hp. Stanley.
- 3455. Herman O. Heath, Newport, 10 hp. Stanley.
- 3456. John W. Johnson, Newport, 32.4 hp. Oakland.
- 3457. Frank C. Canney, Rochester, 20 hp. Reo.
- 3458. John S. Childs, Hillsborough, 36.1 hp. Jackson.
- 3459. Frank P. Carpenter, Manchester, 48.6 hp. Pierce.
- 3460. John T. Amey, Lancaster, 28.9 hp. Buick.
- 3461. Walter D. Sawyer, Winchester, 25.6 hp. Overland.
- 3462. Sidney G. Whitmore, Newport, 32.4 hp. Peerless.
- 3463. Charles C. Gerrish, Berlin, 22.5 hp. Ford.
- 3464. Frances E. Drake, Rye Beach, 2½ hp. Baker.
- 3465. Edwin D. Elliot, Rochester, 25.6 hp. Overland.
- 3466. John S. Kimball, Rochester, 20 hp. Stanley.
- 3467. Jacob M. Salomon, Groveton, 22.5 hp. Ford.
- 3468. William H. Elliot, Keene, 28.9 hp. Chalmers.
- 3469. Edwin C. Hopkins, Greenfield, 32.4 hp. Buick.
- 3470. Arthur L. Simonds, Lancaster, 16.9 hp. Hupp.
- 3471. Carlton Hurd, Newport, 16.2 hp. Reo.
- 3472. Richard F. Jackman, Lisbon, 22.5 hp. Ford.
- 3473.† Henry Larson, Laconia, 19.6 hp. Overland.
- 3474. Bert E. Huggins, Cornish Flat, 22.5 hp. Buick.
- 3475. A. E. Brownrigg, Superintendent, Nashua, 28.9 hp. Pope-Hartford.
- 3476. Ernest F. Gay, Holderness, 38 hp. Knox.
- 3477. Levi F. Cadue, Tilton, 22.5 hp. Buick.
- 3478. Sara N. Shaw, Stratham, 16.2 hp. Maxwell.
- 3479. Fanny P. Mason, Walpole, 32.4 hp. Cadillac.
- 3480. Harry G. Blood, Mt. Vernon, 24 hp. Stevens.
- 3481. George W. Pike, Mt. Vernon, 25.6 hp. Overland.
- 3482. John B. Dumaine, Nashua, 40 hp. Stoddard-Dayton.
- 3483. Frederick Barrows, Dummer, 18 hp. Buick.
- 3484. Miner Cochrane, Enfield Center, 25.6 hp. Ford.
- 3485. John E. Runnells, Benton, 25.6 hp. Buick.
- 3486. Hobart A. Goodwin, Concord, 10 hp. Stanley.
- 3487. Charles A. Jones, Keene, 22.5 hp. Ford.
- 3488. Horace L. Leavitt, Ashland, 9.8 hp. Waltham.
- 3489. Roy F. Wright, Andover, 22.5 hp. Ford.
- 3490. Joseph E. Derry, Hopkinton, 22.5 hp. Buick.
- 3491.† Christo Spearo, Concord, 20.2 hp. Rambler.
- 3492. Provost & Cloutier, Manchester, 20 hp. International.
- 3493. Harry E. Wilson, Woodstock, 22.5 hp. Ford.
- 3494. Frank E. Merrill, Hillsborough, 12.8 hp. Maxwell.
- 3495. Charles H. Nixon, Suncook, 16.9 hp. Hupp.
- 3496. Pearl S. Bond, Lakeport, 25.6 hp. Chalmers.
- 3497. The John Swenson Granite Co., West Concord, 30 hp. Maxwell.
- 3498. George D. Mayo, Laconia, 48 hp. Peerless.
- 3499. Roy B. Welch and John H. Riley, Claremont, 32.4 hp. Moyer.
- 3500. William B. Rotch, Milford, 20 hp. Stanley.
- 3501. Fred M. Barnard, Manchester, 25.6 hp. Overland.
- 3502. Charles A. Nichols, Chester, 22.5 hp. Ford.
- 3503. R. F. Craig, Marlow, 22.5 hp. Ford.
- 3504. John D. Sullivan, Nashua, 32.4 hp. Cadillac.
- 3505. Abram T. Eddy, Enfield, 32.4 hp. Cadillac.
- 3506. Alfred V. Winchester, Manchester, 22.5 hp. Ford.
- 3507. Almon W. Eaton, Wolfeboro, 48.6 hp. Pierce.
- 3508. Charles A. Murphv, Claremont, 22.5 hp. Ford.
- 3509. Joseph E. King, Wolfeboro, 18 hp. Reo.
- 3510. Burt H. Hapgood, Lebanon, 22.5 hp. Ford.
- 3511. George F. Hadley, Somerville, Mass., 22 hp. Jackson.
- 3512. Charles E. Wentworth, Union, 28.9 hp. Queen.
- 3513. Orie Crawford, Clarksville, 12.8 hp. Maxwell.
- 3514. A. A. Trafton, Berlin, 16.2 hp. Buick.
- 3515. Burton J. Covell, Colebrook, 22.5 hp. Buick.
- 3516. Burton H. Tilton, Somersworth, 12.8 hp. Maxwell.
- 3517. Orrin C. Johnson, Laconia, 22.5 hp. Ford.
- 3518. Fred W. Whitecomb, West Rindge, 32.4 hp. Buick.
- 3519. Darwin Lombard, Colebrook, 28.9 hp. Maxwell.
- 3520. E. M. Cross, Berlin, 25.6 hp. Elmore.

- 3521. C. H. Parsons and F. G. Hammond, Colebrook, 10 hp. Cadillac.
- 3522. George M. Kimball, Stratford, 22.5 hp. Ford.
- 3523. Thomas Cotterill, Hebron, 20 hp. White.
- 3524. Charles B. Rogers, Pembroke, 28.9 hp. Cadillac.
- 3525. John I. Sanborn, Wolfeboro, 25.6 hp. Reo.
- 3526. George E. Jordan, Milton, 18 hp. Reo.
- 3527. Robert Kent, Exeter, 25.6 hp. Overland.
- 3528. John Ball, Berlin, 25.6 hp. Oakland.
- 3529. Matthew E. Lyster, Concord, 32.4 hp. Cole.
- 3530. Ernest L. Bell, Plymouth, 25.6 hp. E. M. F.
- 3531. Thomas N. Lapointe, Franklin, 19.6 hp. Flanders.
- 3532. Herbert W. Downing, Laconia, 28.9 hp. Overland.
- 3533. William T. Meloan, Newcastle, 32.4 hp. Cadillac.
- 3534. John M. Sargent, Belmont, 40 hp. Rambler.
- 3535. Edgar W. Proctor, Hillsborough, 22.5 hp. Ford.
- 3536. F. L. Eastman, South Weare, 22.5 hp. Ford.
- 3537.† John H. Noonan, Enfield, 22.5 hp. Ford.
- 3538. John Cantin, Concord, 22.5 hp. Ford.
- 3539. Simeon C. Frye, Thornton, 22.5 hp. Maxwell.
- 3540. Albert F. Witham, Portsmouth, 12.8 hp. Enger.
- 3541. Ralph W. Junkins, Portsmouth, 25.6 hp. Overland.
- 3542. James A. G. Putnam, Lyndeborough, 28.9 hp. Maxwell.
- 3543. Sidney P. Wiley, Charlestown, 22.5 hp. Ford.
- 3544. Frank E. Grimes, Dover, 36.1 hp. Chalmers.
- 3545. Isaac L. Lord, Wakefield, 25.6 hp. Hudson.
- 3546. Jesse W. Mudgett, Manchester, 14.4 hp. Ford.
- 3547. Melvin W. Poor, Antrim, 22.5 hp. Ford.
- 3548. Victor L. Parker, Greenville, 19.6 hp. Ford.
- 3549. Oscar Duncan, Alton, 25.6 hp. Cameron.
- 3550. Fred K. Stevens, East Rochester, 28.9 hp. Maxwell.
- 3551. Ida M. Pollock, Portsmouth, 26.5 hp. Hudson.
- 3552. Walter L. Chesley, Farmington, 25.6 hp. Woodstock.
- 3553. Joseph A. Blake, Raymond, 16.2 hp. Buick.
- 3554. John A. Cross, Fitzwilliam, 25.6 hp. Reo.
- 3555. Martin G. Ferry, Manchester, 16.6 hp. Hupmobile.
- 3556. Orvis W. Grover, Errol, 22.5 hp. Ford.
- 3557. Albert C. Lord, Rochester, 10 hp. Stanley.
- 3558. Edward B. Saunders, Nashua, 14.5 hp. Maxwell.
- 3559. Errol W. Morse, Manchester, 22.5 hp. Ford.
- 3560. Wilbe S. Hofstra, Claremont, 22.5 hp. Ford.
- 3561. Charles H. Tukey, Bristol, 25.6 hp. Overland.
- 3562. Frank A. Mace, Kensington, 25.6 hp. Overland.
- 3563. James S. Roberts, Chester, 22.5 hp. Ford.
- 3564. Frank A. Spaulding, Walpole, 22.5 hp. Ford.
- 3565. Louise Austin, Webster, 22.5 hp. Flanders.
- 3566. Rolla T. White, Rye Beach, 22.5 hp. Overland.
- 3567. Ezra B. Mann, Woodsville, 16.2 hp. Buick.
- 3568. Don H. Howland, Littleton, 20.2 hp. Studebaker.
- 3569. Laura M. Page, Haverhill, 16.2 hp. Buick.
- 3570. Sarah F. Shaw, Salisbury, 22.5 hp. Overland.
- 3571. John Z. Shedd, North Conway, 22.5 hp. Buick.
- 3572. John M. Gile, Hanover, 32.4 hp. Cadillac.
- 3573. Valeria A. Towle, Chester, 22.5 hp. Stevens.
- 3574. James B. McFarland, Groveton, 22.5 hp. Maxwell.
- 3575. J. Howard Grover, Portsmouth, 6.4 hp. Cadillac.
- 3576. Walter S. Baldwin, Laconia, 12.8 hp. Maxwell.
- 3577. G. A. Jennison, Milford, 25.6 hp. Reo.
- 3578. Aretas B. Carpenter, Manchester, 38.4 hp. Peerless.
- 3579. J. A. Richards, Manchester, 25.6 hp. Overland.
- 3580. Barrett Bros., Gorham, 25.6 hp. Stevens.
- 3581. Harry G. McMurray, Manchester, 32.8 hp. Interstate.
- 3582. Harvey D. Bailey, Hooksett, 40 hp. Winton.
- 3583. Guy D. Nichols, Newbury, 28 hp. Buick.
- 3584. Charles W. Bailey, Manchester, 10 hp. Stanley.
- 3585. Lewis S. Holmes, Lisbon, 27 hp. Studebaker.
- 3586. R. H. Ingalls, Gorham, 22.5 hp. Ford.
- 3587. O. W. Hunkins, Littleton, 22.5 hp. Ford.
- 3588. Willis W. Corkum, Concord, 23 hp. White.
- 3589. Morrill P. Runnells, Concord, 10 hp. Stanley.
- 3590. A. B. Willoughby, Holderness, 19.6 hp. E. M. F.

3591. Henry C. Davis, Hopkinton, 32.4 hp. Stevens.
3592. White Mt. Tel. & Tel. Co., Plymouth, 6.4 hp. Brush.
3593. Maurice J. Redden, Peterborough, 25.6 hp. Overland.
3594. Joseph Bassett, Boscawen, 20 hp. Jackson.
3595. Joseph F. Bedell, Wentworth, 22.5 hp. Ford.
3596. Peter Greco, Sunapee, 20 hp. White.
3597. Amos W. Gee, Lebanon, 22.5 hp. Ford.
3598. Annie Wallace, Rochester, 43.8 hp. Stevens.
3599. John F. Axtell, Newton, 12.8 hp. Maxwell.
3600. Gertrude A. Walker, Whitefield, 25.5 hp. Maxwell.
3601. Walter F. Howe, Walpole, 8.5 hp. Orient.
3602. Don C. Cook, Claremont, 22.5 hp. Ford.
3603. G. L. Johnson, Johnson, 40 hp. Olds.
3604. Richard T. Beckwith, Center Sandwich, 25.6 hp. Hudson.
3605. Nash & Tenney, Hanover, 28.9 hp. Cadillac.
3606. Tyler L. Barker, Newport, 25 hp. Buick.
3607. Allen C. Wilmot, Lebanon, 10 hp. Cadillac.
3608. James L. Bachelder, Little Boar's Head, 25.6 hp. Dayton.
3609. Charles H. Prince, West Salisbury, 28.9 hp. Overland.
3610. L. A. Jackson, Crystal, 22.4 hp. Buick.
3611. H. E. Kidder, Alstead, 22.5 hp. Ford.
3612. Walter E. Clark, Franklin, 22.5 hp. Ford.
3613. Homer Goodridge, Lisbon, 22.5 hp. Ford.
3614. Willie B. Congdon, Center Grafton, 16.9 hp. Ford.
3615. Hiram T. Houghton, Keene, 22.5 hp. Ford.
3616. Austin O. Folsom, Laconia, 32.4 hp. Wayne.
3617. Lemira M. Hobbs, North Hampton, 25.6 hp. E. M. F.
3618. Charles H. Reynolds, Newfields, 22.5 hp. Ford.
3619. Rochester Ag. and Mech. Asso., Rochester, 15 hp. American.
3620. George H. Greeley, Plymouth, 22.5 hp. Ford.
- 3621.† William S. Keith, Milford, 22 hp. Buick.
3622. Mrs. Daniel W. Johnson, Claremont, 48 hp. Pierce.
3623. Fred F. Parsons, Portsmouth, 10 hp. Cadillac.
3624. Thomas C. Redman, New London, 22.5 hp. Buick.
3625. Bion H. Whitehouse, Keene, 22.5 hp. Ford.
3626. Bisson & Dozois, Manchester, 28.9 hp. Overland.
3627. Rienzi Ridge, Portsmouth, 25.6 hp. Stoddard-Dayton.
- 3628.† John Monahan, Laconia, 12.8 hp. Northern.
3629. Alphonse Jolin, Berlin, 20.2 hp. Franklin.
3630. Mrs. Horace P. Seymour, Portsmouth, 19.6 hp. Buick.
3631. Joseph Bass Hosmer, Manchester, 43.3 hp. Thomas.
3632. Charles A. Downer, Groveton, 20 hp. Kirk.
3633. Harry B. Barron, Twin Mt., 32.4 hp. Pierce-Arrow.
3634. Adelard Turnelle, Manchester, 16.2 hp. Maxwell.
3635. Milton D. Mason, Dublin, 25.6 hp. Overland.
3636. Fred P. Farnsworth, Brookline, 25.6 hp. Overland.
3637. Arthur C. Wilson, New Boston, 22.5 hp. Ford.
3638. Alma A. Wheeler, Bristol, 16.2 hp. Buick.
3639. Harry P. Henderson, Dover, 36.1 hp. Olds.
3640. Merrill & Sanborn, Sugar Hill, 25.6 hp. E. M. F.
3641. Andrew J. Hook, Warner, 16.2 hp. Buick.
3642. John W. Dresser, Franklin, 32.4 hp. Velie.
3643. John Jacob Jenkins, Centre Barnstead, 22.5 hp. Ford.
3644. Henry W. Brown, West Swanzey, 32 hp. Cole.
3645. Lemuel C. Ring, Hampton, 12.8 hp. Maxwell.
3646. Nelson M. Tucker, Exeter, 11.2 hp. Mitchell.
3647. Willis J. Sanborn, Laconia, 28.9 hp. Maxwell.
3649. Gus Shroeder, Berlin, 10 hp. Cadillac.
3650. New England Tel. & Tel. Co., Manchester, 22.5 hp. Ford.
3651. A. E. Whitley, Exeter, 20 hp. Cameron.
3652. James H. Bickford, Meredith, 20 hp. Rambler.
3653. Henry P. Peck, Mont Vernon, 22.5 hp. Ford.
3654. Archie B. Canney, Rochester, 30 hp. White.
3655. Albert E. Grant, Durham, 28.9 hp. Overland.
3656. Leonard K. Belcher, Manchester, 12 hp. Sears.
3657. George H. Foss, Alstead, 22.5 hp. Ford.
3658. Artemus T. Burleigh, Franklin, 28.9 hp. Buick.
3659. Roy L. Mullen, Walpole, 22.5 hp. Ford.
3660. Henry H. Thompson, Laconia, 12.8 hp. Maxwell.
3661. George E. Gillingham, Chester, 25.6 hp. Maxwell.

- 3662. William J. Titus, Manchester, 22 hp. Oldsmobile.
- 3663. Mary L. Farrar, Peterborough, 27.2 hp. E. M. F.
- 3664. Leon G. Valia, Grafton, 10 hp. Reo.
- 3665. Eugina B. Frothingham, Dublin, 40 hp. Packard.
- 3666. W. D. Barnett, Nashua, 54.1 hp. Stevens.
- 3667. Warren D. Munsey, Conway, 16.2 hp. Buick.
- 3668. John W. Pead, Wilton, 22.5 hp. E. M. F.
- 3669. Fred W. Wood, Smithtown, 36.1 hp. Locomobile.
- 3670. William D. Morse, Gorham, 32.4 hp. Cole.
- 3671. Alfred J. Vachon, Somersworth, 16.2 hp. Reo.
- 3672. Lyman M. Lombard, Colebrook, 25.6 hp. Maxwell.
- 3673. Forrest E. Emerson, Laconia, 30 hp. Maxwell.
- 3674. Leon L. Brown, Hopkinton, 6.5 hp. Stanley.
- 3675. Fred L. Wheeler, Concord, 12 hp. Reo.
- 3676. Frank L. Chase, Haverhill, 28.9 hp. Maxwell.
- 3677. D. P. Witherbec, Johnson, 18.2 hp. Franklin.
- 3678. Charles A. Tasker, Dover, 12.8 hp. Maxwell.
- 3679. J. J. Shurtleff, Warner, 12 hp. Maxwell.
- 3680. Olin K. Phillips, Littleton, 22.5 hp. Ford.
- 3681. Emma J. Otis, Rochester, 25.6 hp. Overland.
- 3682. American Box Co., Nashua, 30 hp. Packard.
- 3683. Harry W. Libbey, Tilton, 12.8 hp. Maxwell.
- 3684. Lew A. Wallace, Colebrook, 16.2 hp. Maxwell.
- 3685. Jesse G. McMurphy, Derry, 9.8 hp. Sears.
- 3686. John Coe, Centre Harbor, 20 hp. Reo.
- 3687. Wilfred M. Fiske, Dublin, 20 hp. International.
- 3688. John D. Bridge, Walpole, 19.6 hp. Hupp.
- 3689. Frank H. Hunkins, Sanbornton, 22.5 hp. Ford.
- 3690. Benjamin I. White, Laconia, 13 11-16 hp. Cameron.
- 3691. C. C. O'Brien, Groveton, 40 hp. Packard.
- 3692. Harry W. Dickson, Littleton, 22.5 hp. Ford.
- 3693. Leslie H. Goodnow, East Sullivan, 10 hp. Stanley.
- 3694. Alvin W. Davis, Keene, 25.6 hp. Chalmers.
- 3695. Marshall B. Franklin, Keene, 25.6 hp. Chalmers.
- 3696. John C. Littlefield, Manchester, 32.4 hp. Cadillac.
- 3697. Edwin H. Putnam, South Lyndeboro, 22.5 hp. Metz.
- 3698. James H. Fassett, Nashua, 24 hp. Stevens.
- 3699. Edward H. Kidder, Marlborough, 48.6 hp. Pierce.
- 3700. Howard N. Kingsford, Hanover, 28.9 hp. Cadillac.
- 3701. George A. Hoyt, Hampstead, 22.5 hp. Maxwell.
- 3702. Burton Shay, Dublin, 25.6 hp. Pickard.
- 3703. The Rogers & Hubbard Co., Middletown, Ct., 16.2 hp. Buick.
- 3704. Frank P. Hobbs, Wolfeboro, 25.6 hp. Franklin.
- 3705. Mark T. Wight, Berlin, 18 hp. Reo.
- 3706. Mrs. D. R. Francis, Rye Beach, 54.1 hp. Chalmers.
- 3707. W. R. McCarthy, Berlin Mills, 14.5 hp. Maxwell.
- 3708. Arthur Thurston, Manchester, 22.5 hp. Ford.
- 3709. Edson C. Eastman, Chester, 26.5 hp. E. M. F.
- 3710. E. H. Eaves, East Jaffrey, 12.8 hp. Maxwell.
- 3711. Charles G. Putney, Keene, 25.6 hp. Chalmers.
- 3712. Nathan A. Bickford, Meredith, 22 hp. Buick.
- 3713. Charles W. Glidden, Rochester, 22.5 hp. Ford.
- 3714. Raymond L. Giles, Littleton, 28.9 hp. Overland.
- 3715. Fred W. Hutchins, Newport, 25.6 hp. Oakland.
- 3716. Henry L. Whiteher, Littleton, 20.2 hp. E. M. F.
- 3717. John F. Chick, Silver Lake, 28.9 hp. Overland.
- 3718. George F. Bacon, Moultonborough, 22.5 hp. Ford.
- 3719. Frank D. Worcester, Keene, 20 hp. Rambler.
- 3720. Ralph E. Libbey, Winchester, 10 hp. Brush.
- 3721. Benjamin H. Bragg, Alstead, 14.5 hp. Wayne.
- 3722. Gorham H. Sawyer, Durham, 16.2 hp. Reo.
- 3723. Armand C. Blain, Dorchester, 18 hp. Reo.
- 3724. George E. Stone, Jefferson, 18 hp. Buick.
- 3725. Gilbert O. Barber, Peterborough, 10 hp. Stanley.
- 3726. Frank C. Pike, Keene, 28.9 hp. Buick.
- 3727. Don W. Stevens, Coos, 16.2 hp. Buick.
- 3728. Parker & Young Co., Lisbon, 22.5 hp. Ford.
- 3729. Walter R. Rothera, Salem, 24 hp. Stevens.
- 3730. John L. Wesley, Moultonborough, 16.2 hp. Reo.
- 3731. Don S. Bridgman, Hanover, 28.9 hp. Overland.

3732. Elizabeth M. Porter, Manchester, 3 hp. Baker.
3733. Stephen A. Stokes, Rochester, 11.2 hp. Kiblinger.
3734. John H. Andrews, Manchester, 40 hp. Packard.
3735. Romanzo B. Priest, Lakeport, 22.5 hp. Ford.
3736. Lewis Whitney, Nashua, 10 hp. Stanley.
3737. Joseph A. Edgerly, Epping, 28.9 hp. Firestone-Columbus.
3738. Frank W. Cobb, Wolfeboro Falls, 36.5 hp. Selden.
3739. Elden K. French, Whitefield, 22.5 hp. Ford.
3740. Henry B. Tilton, Laconia, 28.9 hp. Pope-Hartford.
3741. Willis Burbank, Carroll, 22.5 hp. Ford.
3742. Charles M. Dwelley, Nashua, 20 hp. Maxwell.
3743. Edward E. Connary, Stratford, 12.8 hp. Maxwell.
3744. William Pearson, Keene, 45 hp. Austin.
3745. Noel P. Schofield, Ashuelot, 16.2 hp. Buick.
3746. Luther G. Dearborn, Jr., Derry, 25.6 hp. Overland.
3747. Walter Drew, Colebrook, 22.5 hp. Ford.
3748. Edwin N. Whitney, Derry, 25.6 hp. Cadillac.
3749. Joseph F. Savage, Raymond, 22.5 hp. Ford.
3750. Charles F. Fletcher, West Claremont, 22.5 hp. Ford.
3751. David C. Hershey, Dalton, 12.8 hp. Maxwell.
3752. William W. Norcott, Belmont, 16.2 hp. Maxwell.
3753. Charles A. French, Laconia, 25.6 hp. E. M. F.
3754. Louis M. Kimball, North Haverhill, 32.4 hp. Buick.
3755. Dana W. Hunkins, Laconia, 12.8 hp. Maxwell.
3756. Charles F. Bishop, Hanover, 10 hp. Crest.
3757. Herbert F. Nichols, Peterborough, 32.4 hp. Cadillac.
3758. Hazen Plummer, Milton, 6 hp. Stanley.
3759. Freeman H. Hoyt, Nashua, 12.8 hp. Maxwell.
3760. Edith M. Baker, North Hampton, 28.9 hp. Chalmers.
3761. Percy A. and Fay M. Martin, Richmond, 20 hp. Stanley.
3762. William Richardson, Londonderry, 25.6 hp. Regal.
3763. John Z. Shedd, North Conway, 25.6 hp. Elmore.
3764. Charles S. Chandler, Walpole, 22.5 hp. Ford.
3765. Louis H. Dow, Hanover, 32.4 hp. Cadillac.
3766. James H. Lightfoot, Bethlehem, 22.5 hp. Ford.
3767. Harry G. Clough, Manchester, 38 hp. Peerless.
3768. Alba C. Hicks, Colebrook, 22.5 hp. Ford.
3769. Fred A. Tift, Cornish, 16.2 hp. Buick.
3770. Fred E. Emerson, Andover, 32.4 hp. Buick.
3771. Nelson P. Coffin, Keene, 22.5 hp. Ford.
3772. Mary E. Simpson, East Kingston, 28.9 hp. Firestone-Columbus.
3773. Meyer Loverin, W. Stewartstown, 28.9 hp. Mitchell.
3774. George R. Fellows, Seabrook, 22.5 hp. Ford.
3775. George Baker Morrison, Franklin, 28.9 hp. Buick.
3776. White Mountain Freezer Co., Nashua, 22.5 hp. Maxwell.
3777. William M. Bowman, Salmon Falls, 36.1 hp. Stutz.
3778. Davis B. Keniston, Plymouth, 28.9 hp. Chalmers.
3779. Bachelder Bros., Northfield, 24 hp. Stevens.
3780. Robert J. Cumming, Campton, 18 hp. Reo.
3781. David M. Potter, Wilton, 20 hp. Rambler.
3782. Fred W. Russell, Lyndeborough, 25 hp. E. M. F.
3783. Galen H. Howard, Drewsville, 22.5 hp. Ford.
3784. James F. Knowlton, Dover, 25.6 hp. Overland.
3785. Henry N. Gowing, Dublin, 10 hp. Stanley.
3786. Harry F. Corum, Lisbon, 10 hp. Reo.
3787. Sumner S. Goding, Littleton, 12.8 hp. Maxwell.
3788. Frank Thompson, W. Swanzey, 22.5 hp. White.
3789. Elwood J. Thompson, Pittsfield, 8 hp. Stanley.
3790. Clayton J. Richardson, Lebanon, 25.6 hp. Buckeye.
3791. Edward J. Thompson, Antrim, 12.8 hp. Mitchell.
3792. Roscoe R. Seekins, Portsmouth, 22.5 hp. Locomobile.
3793. Wallace E. Clemons, Nashua, 18 hp. Stevens.
3794. Thayer & Collins, Keene, 22.5 hp. Ford.
3795. Harry W. Kendall, Newport, 32.4 hp. Buick.
3796. Hira R. Beckwith, Claremont, 28.9 hp. Warren.
3797. Lucy Slade, E. Jaffrey, 28.9 hp. Mitchell.
3798. Alfred G. Cournoyer, Jaffrey, 10 hp. Stanley.
3799. Harry S. Coffin, Plymouth, 25.6 hp. Mitchell.
3800. J. M. Davison, Berlin, 10 hp. Cadillac.
3801. Emma May Gray, Portsmouth, 20.2 hp. Flanders.



- 3802. Farmer & Marcott, Windsor, Vt., 16 hp. Buick.
- 3803. Wilbur J. Tilton, Wolfeboro, 25.6 hp. Reo.
- 3804. Edward Seybolt, Portsmouth, 22.5 hp. Ford.
- 3805. Warren Edward Sargent, Derry, 22 hp. Buick.
- 3806. George W. Kimball, Stark, 28.9 hp. Buick.
- 3807. Harold M. Richardson, Derry, 26.6 hp. Reo.
- 3808. William H. Elliott, Madbury, 22.5 hp. Ford.
- 3809. Joseph L. Matthews, Troy, 10 hp. Reo.
- 3810. Emile W. Charland, Tilton, 22.5 hp. Ford.
- 3811. Homer Eaton Keyes, Hanover, 25.6 hp. Reo.
- 3812. Guilford T. Dudley, Tuftonboro, 28.9 hp. Pope-Hartford.
- 3813. Charles H. Felch, Henniker, 20 hp. Rambler.
- 3814. Edwin B. Edgerly, Tuftonboro, 27.2 hp. Pope-Hartford.
- 3815. Colonial Interstate Express Co., Portsmouth, 40 hp. Speedwell.
- 3816. Park R. Hoyt, Laconia, 22.5 hp. Ford.
- 3817. Charles E. Merritt, Manchester, 32.6 hp. Cadillac.
- 3818. George S. Tucker, Peterborough, 32.4 hp. Cadillac.
- 3819. William P. Mundy, Newcastle, 30 hp. Stanley.
- 3820. Bert W. Hodgkins, Keene, 22.5 hp. Buick.
- 3821. William P. Mundy, Newcastle, 30 hp. Packard.
- 3822. Archie L. Lewis, Laconia, 22.5 hp. Buick.
- 3823. William P. Mundy, Newcastle, 30 hp. Packard.
- 3824. Mrs. Katherine A. Remick, Bristol, 25.6 hp. Overland.
- 3825. William P. Mundy, Newcastle, 50 hp. Virginian.
- 3826. Henry W. Keyes, Haverhill, 28.9 hp. Cadillac.
- 3827. William E. Hale, Claremont, 22.5 hp. Ford.
- 3828. J. D. Barber, Haverhill, 22.5 hp. Ford.
- 3829. William P. Mundy, Newcastle 20 hp. Rapid.
- 3830. James H. Brown, Alexandria, 12.8 hp. Maxwell.
- 3831. Ethel M. Hill, Hancock, 22.5 hp. Buick.
- 3832. Charles H. Horton, East Rochester, 12.8 hp. Autocar.
- 3833. Eldredge H. Blood, Randolph, 33.7 hp. Mitchell.
- 3834.† Fred B. Philbrick, Newmarket, 22.5 hp. Ford.
- 3835. Edward B. Mason, Franklin, 22.5 hp. Ford.
- 3836. Dr. Damase Caron, Manchester, 28.9 hp. Abbott.
- 3837. Alice L. Wilkie, Bethlehem, 22.5 hp. S. G. V.
- 3838. Lizzie C. Harriman, Raymond, 22.5 hp. Ford.
- 3839. Walter H. Remick, Rye, 12.8 hp. Maxwell.
- 3840. F. H. Wilkins, Keene, 20 hp. Stanley.
- 3841. William J. Powers, Manchester, 25.6 hp. Overland.
- 3842. A. A. Pratt, Plymouth, 20 hp. Lane.
- 3843. Holbrook, Cabot & Rollins Corp., Hinsdale, 51.6 hp. Lozier.
- 3844. Holbrook, Cabot & Rollins Corp., Hinsdale, 32.4 hp. Cadillac.
- 3845. Charles E. Brook, Orford, 22.5 hp. Metz.
- 3846. Henry M. Wiggin, Whitefield, 25.6 hp. Overland.
- 3847. George W. Lord, Tilton, 25.6 hp. Buick.
- 3848. John F. Quinlan, Milton, 22.5 hp. Ford.
- 3849. Franklin P. Rowell, Newport, 8.1 hp. Maxwell.
- 3850. J. G. M. Glessner, Littleton, 43.8 hp. Stevens.
- 3851. Orestes M. Pratt, Holderness, 48.6 hp. Winton.
- 3852. Henry L. Stickney, Manchester, 28.9 hp. Cadillac.
- 3853. Walter H. Page, Portsmouth, 22.5 hp. Ford.
- 3854. Andrew R. Simpson, Manchester, 22.5 hp. Ford.
- 3855. William W. Jewell, Gorham, 28.9 hp. Packard.
- 3856. George L. Hooper, New Boston, 19.6 hp. Overland.
- 3857. Otis S. Brown, North Hampton, 12.8 hp. Schacht.
- 3858. W. Ashton Horn, Somersworth, 20 hp. Stanley.
- 3859. Arthur R. Herrick, Manchester, 22.5 hp. Ford.
- 3860. James E. Henry, Lincoln, 54.1 hp. Stevens.
- 3861. Charles B. Henry, Lincoln, 48.6 hp. Packard.
- 3862. Richard F. Smith, Woodstock, 22.5 hp. Ford.
- 3863. Raphael Pumpelly, Dublin, 22.5 hp. Hudson.
- 3864. Leddy Bros., Epping, 36.1 hp. Dayton.
- 3865. Raphael Pumpelly, Dublin, 60 hp. Peerless.
- 3866. Dixie C. Newton, Newport, 25.6 hp. Buick.
- 3867. Arthur D. Bailey, Weare, 40 hp. Packard.
- 3868. Charles H. Dow, Warner, 11.2 hp. Maxwell.
- 3869. C. C. Ward, Hanover, 16.2 hp. Buick.
- 3870. William P. Chamberlin, Keene, 38 hp. Peerless.
- 3871. Edward K. Webster, Concord, 25.6 hp. E. M. F.



- 3872. The Bretton Woods Co., Bretton Woods, 25.6 hp. Elmore.
- 3873. Nellie B. Blake, Raymond, 24 hp. Overland.
- 3874. Herman O. Mooney, Rochester, 11.2 hp. Maxwell.
- 3875. F. P. Claggett, Newport, 25.6 hp. Overland.
- 3876. Flavius J. Berry, Rochester, 20 hp. White.
- 3877. Lee Harold Wheat, Groton, 22.5 hp. Ford.
- 3878. Jeremiah E. Smith, Northfield, 19.2 hp. Elmore.
- 3879. John P. Stevens, Hampton Falls, 46 hp. American.
- 3880. H. E. Doughty, Milan, 24 hp. Stevens.
- 3881. Desire Juneau, Franklin, 19.6 hp. Buick.
- 3882. Pierre Bergeron, Manchester, 22.5 hp. Ford.
- 3883. Coos Telephone Co., Lancaster, 6.4 hp. Brush.
- 3884. Charles W. Sanborn, Epping, 16.2 hp. Reo.
- 3885. John R. Ernst, Ashland, 22.5 hp. Overland.
- 3886. Fred E. Dodge, East Haverhill, 12.8 hp. Maxwell.
- 3887. Winfield H. West, Errol, 22.5 hp. Ford.
- 3888. Coos Telephone Co., Lancaster, 6.4 hp. Brush.
- 3889. John Emerson, North Weare, 46 hp. Peerless.
- 3890. Henry E. Sanborn, Hanover, 16.2 hp. Buick.
- 3891. N. T. Turgeon, Manchester, 40 hp. Speedwell.
- 3892. Tilson D. Fuller, Nashua, 26 hp. Reo.
- 3893. Page Belting Co., Concord, 20 hp. General Vehicle.
- 3894. George H. Moffitt, Concord, 22.5 hp. Ford.
- 3895.† Frank V. Clifford, Laconia, 22.5 hp. Ford.
- 3896. Ira V. Follansbee, North Sutton, 28.9 hp. Maxwell.
- 3897. Benjamin W. Elkins, Hampton Falls, 22.5 hp. Pullman.
- 3898. Ernest L. Wheeler, Colebrook, 28.9 hp. Maxwell.
- 3899. Frank J. Gignaz, Franklin, 22.5 hp. Buick.
- 3900. Perley A. Johnson, Newport, 36 hp. Stevens.
- 3901. Charles S. Walker, Croydon Flat, 28.9 hp. Maxwell.
- 3902. Karl G. Cavis, Bristol, 25.6 hp. Overland.
- 3903. Walter C. French, Nashua, 25.6 hp. Reo.
- 3904. James McKenna, Littleton, 22.5 hp. Ford.
- 3905. Willis N. Bailey, Bradford, 28.9 hp. Maxwell.
- 3906. Wendell P. Clare, Stratham, 18.2 hp. Herreshoff.
- 3907. James E. Fowler, Newfields, 9.8 hp. Metz.
- 3908. F. P. Twitchell, Lancaster, 22.5 hp. Buick.
- 3909. Walter E. Sidney, Lincoln, 22.5 hp. Ford.
- 3910. Robert B. Walker, New Ipswich, 25.6 hp. Chalmers.
- 3911. A. T. Downing, Littleton, 36.4 hp. Oldsmobile.
- 3912. Ralph W. Jennings, Manchester, 20 hp. Stanley.
- 3913. Walter S. Neal, Derry, 16.2 hp. Buick.
- 3914. James S. Manuel, Sr., Rye Beach, 22.5 hp. Maxwell.
- 3915. Thomas H. Flanagan, Exeter, 22.5 hp. Ford.
- 3916. Jennie W. Burleigh, Bedford, 22.5 hp. Ford.
- 3917. Carl C. Bennett, Lancaster, 22.5 hp. Buick.
- 3918. George Amber Milette, Lakeport, 22.5 hp. Ford.
- 3919. Frank W. Hadley, Salem, 12.8 hp. Maxwell.
- 3920. Jason E. Tolles, Nashua, 25.6 hp. Jackson.
- 3921. Beverly Seeley, Sandown, 20.2 hp. Flanders.
- 3922. Albion E. Lang, Plainfield, 36.1 hp. Pope-Hartford.
- 3923. Daniel A. Griffin, Hopkinton, 16.2 hp. Lambert.
- 3924. George Dimmick Kittredge, Mont Vernon, 38 hp. Oldsmobile.
- 3925. F. Ernest Fulsifer, Lebanon, 28.9 hp. Cadillac.
- 3926. Frank A. Bailey, Bethlehem, 32.4 hp. Oakland.
- 3927. Elizabeth A. Cross, Rochester, 22.5 hp. Ford.
- 3928. Mrs. Norman Williams, Dublin, 32.4 hp. Cadillac.
- 3929. Oscar G. Barron, Carroll, 40 hp. Pierce-Arrow.
- 3930. A. W. Mitchell, Epping, 25.6 hp. Reo.
- 3931. George W. Hendrick, Nashua, 16.9 hp. Franklin.
- 3932. Oscar G. Barron, Carroll, 40 hp. Pierce-Arrow.
- 3933. James W. Easton, Milford, 22.5 hp. Metz.
- 3934. Charles W. Bickford, Manchester, 28.9 hp. Cadillac.
- 3935. Albert S. Dolloff, New Hampton, 22.5 hp. Ford.
- 3936. W. F. Costello, Berlin, 22.5 hp. Crow.
- 3937. Alston W. Perkins, South Tamworth, 22.5 hp. Ford.
- 3938. George D. Roberts, Jefferson, 28.9 hp. Hudson.
- 3939. Raymond W. Thompson, Concord, 28.9 hp. Cadillac.
- 3940. Katherine P. Rollins, Concord, 4 hp. Columbia.
- 3941. Willoughby M. Bain, Groveton, 22.5 hp. Ford.

- 3942. Alonzo Elliott & Co., Manchester, 32.4 hp. Cadillac.
- 3943. Walter T. Anthony, Manchester, 22.5 hp. Buick.
- 3944. Mailand E. Prescott, Concord, 18 hp. Reo.
- 3945. Joseph H. Drake, Rye, 25.6 hp. Overland.
- 3946. John A. Perkins, Plymouth, 16.9 hp. Ford.
- 3947. J. Louis Berthiaume, Lebanon, 10 hp. Cadillac.
- 3948. Addison Brown, Manchester, 25.6 hp. Overland.
- 3949. Theodore J. Millett, Rye Beach, 18.2 hp. Stevens.
- 3950. John W. Kelley, Portsmouth, 36.1 hp. Stoddard-Dayton.
- 3951. Herbert L. Flather, Nashua, 36.1 hp. Stevens.
- 3952. J. H. Smith, Whitefield, 10 hp. Cadillac.
- 3953. Jacob Kendall, Temple, 22.5 hp. Ford.
- 3954. Charles E. Rockwood, Temple, 19.6 hp. Ford.
- 3955. Edwin F. Currier, Tamworth, 25.6 hp. Chalmers.
- 3956. George G. P. Dickinson, Manchester, 28.9 hp. Mitchell.
- 3957. Arthur P. Moran, Berlin, 22.5 hp. Ford.
- 3958. David J. Perry, Conway, 22 hp. Buick.
- 3959. Cyril Brooks, Berlin, 32.4 hp. Oakland.
- 3960. Peter Ladd, Epping, 25.6 hp. Maxwell.
- 3961. Willard H. Crozier, Lebanon, 27.2 hp. Oakland.
- 3962. Ebenezer B. Towne, Nashua, 25.6 hp. Buick.
- 3963. Leander J. Seyler, Franklin, 15.6 hp. Ford.
- 3964. Paul R. Merrill, Warren, 19.6 hp. Franklin.
- 3965. Frank Casci, Concord, 28.9 hp. Maxwell.
- 3966. Jules E. Parent, Berlin, 32.4 hp. Abbott.
- 3967. Frank Cunningham, Dover, 32.4 hp. Marmon.
- 3968. Alfred R. Evans, Gorham, 22.5 hp. Ford.
- 3969. Clarence L. Hay, Newbury, 36.1 hp. Pierce-Arrow.
- 3970. William E. Reed, Nashua, 38.4 hp. Franklin.
- 3971. James Foley, Rochester, 27.2 hp. Pierce-Arrow.
- 3972. Albert J. LaFrance, Laconia, 22.5 hp. Ford.
- 3973. Ervin R. French, Bedford, 25.6 hp. Parry.
- 3974. Fred M. Carter, Milton, 28.9 hp. Overland.
- 3975. Daniel F. Bradley, Dover, 25.6 hp. Marion.
- 3976. A. J. Leclerc, No. Conway, 25.6 hp. Buick.
- 3977. Walter A. Perry, Keene, 27.2 hp. E. M. F.
- 3978. Almer W. Barton, Newfields, 27.2 hp. Pope-Hartford.
- 3979. Ezra A. Jones, Manchester, 22.5 hp. Ford.
- 3980. Arthur Sanborn, Pittsfield, 28.9 hp. Cadillac.
- 3981. Albert E. Kenyon, Dover, 12.8 hp. Maxwell.
- 3982. James W. Brown, Rye, 22.5 hp. Buick.
- 3983. Benson B. Dyer, Manchester, 25.6 hp. Chalmers.
- 3984. Ulysses G. Swett, Portsmouth, 25.6 hp. Maxwell.
- 3985. Fletcher K. Barrows, Brattleboro, Vt., 16.2 hp. Maxwell.
- 3986. Amariah Avery, Manchester, 22.5 hp. Ford.
- 3987. Francis P. Murphy, Newport, 32.4 hp. Cadillac.
- 3988. Walter W. Shackley, Walpole, 22.5 hp. Ford.
- 3989. Henry R. Harris, Keene, 20 hp. Stanley.
- 3990. John F. Stark, Nashua, 10 hp. Cadillac.
- 3991. Charles L. Hamlin, Charlestown, 16.2 hp. Maxwell.
- 3992. Eli N. Marcotte, Fremont, 16.2 hp. Buick.
- 3993. William J. Beattie, Littleton, 40 hp. Oldsmobile.
- 3994. Moses W. Twombly, Laconia, 36.1 hp. Thomas.
- 3995. Henry D. Piper, Wolfeboro, 22.5 hp. Ford.
- 3996. Samuel W. Langley, Exeter, 25.6 hp. Logan.
- 3997. Carroll D. Piper, Wolfeboro, 22.5 hp. Ford.
- 3998. Moses Sherriff, Manchester, 25.6 hp. Reo.
- 3999. Frank T. Garland, Pittsfield, 22.5 hp. Ford.
- 4000. John I. Hoyt, Penacook, 22 hp. Atlas.
- 4001. Hubert L. Brown, Hinsdale, 22.5 hp. Ford.
- 4002. A. E. Courser, Hillsborough, 22.5 hp. Ford.
- 4003. J. Brodie Smith, Manchester, 4 hp. Pope-Waverly.
- 4004. Arthur D. Piggott, Dover, 22.5 hp. Buick.
- 4005. John P. H. Chandler, Warner, 36.1 hp. Stutz.
- 4006. Frank E. Lang, Newmarket, 28.9 hp. Pierce-Arrow.
- 4007. Samuel A. Lovejoy, Milford, 28.9 hp. Cadillac.
- 4008. Clarence P. Ballard, Gilmanston, 5.6 hp. Reo.
- 4009. Cleveland J. Andrews, Berlin, 18 hp. Reo.
- 4010. George H. Green, Woodstock, 28.9 hp. Overland.
- 4011. Wallace H. Tarbell, Contoocook, 25.6 hp. Oakland.

4012. Winfield M. Chaplin, Fitzwilliam, 22.5 hp. Ford.
4013. James W. Baldwin, Pittsburg, 22.5 hp. Ford.
4014. John Scammon, Exeter, 25.6 hp. Buick.
4015. Oran E. Randall, Chesterfield, 32.4 hp. Rambler.
4016. Harry D. Hopkins, Keene, 28.9 hp. Mitchell.
4017. Earl L. Cofran, Concord, 20 hp. White.
4018. Edmon Lanciaux, Newport, 32.4 hp. Buick.
4019. Will N. Buttrick, Danbury, 22.5 hp. Ford.
4020. William O. Dodge, New Boston, 22.5 hp. Ford.
4021. Ralph Thyng, Derry, 32.4 hp. Rambler.
4022. Mary C. Grimes, Hillsboro, 32.4 hp. Cadillac.
4023. Otto G. Keller, Laconia, 36.1 hp. Stevens.
4024. John F. Willey, Hillsborough, 22.5 hp. Ford.
4025. William B. Ranney, Boscawen, 22.5 hp. Ford.
4026. Albert A. Bennett, Center Harbor, 40 hp. Packard.
4027. John C. Townsend, Milton Mills, 38 hp. Peerless.
4028. Frank W. Davison, Hanover, 38.4 hp. Pierce-Arrow.
4029. John H. Beck, Gilmanton, 25.6 hp. E. M. F.
4030. S. D. Lewis, Newport, 25.6 hp. Buick.
4031. William W. Currier, Sunapee, 28.9 hp. Maxwell.
4032. Asquam Transportation Co., Ashland, 20 hp. Rapid.
4033. Jennie C. Burley, Epping, 25.6 hp. Chalmers.
4034. Frank Tuttle, Danville, 10 hp. Cadillac.
4035. George L. Keniston, Rumney, 14.4 hp. Franklin.
4036. George W. Young, Rochester, 40 hp. Rambler.
4037. Horatio W. Colony, Keene, 28.9 hp. Maxwell.
4038. David R. Angus, Nashua, 12 hp. Pierce-Arrow.
4039. Gilbert N. McMillan, Shelburne, 40 hp. Maxwell.
4040. Nathaniel Doane, Manchester, 32.4 hp. Cadillac.
4041. Thomas E. Varney, Dover, 19.6 hp. Overland.
4042. John E. Tove, Charlestown, 19.6 hp. Ford.
4043. Wesley D. Sanborn, Laconia, 36.1 hp. Oldsmobile.
4044. Everard G. Powers, Tilton, 22.5 hp. Buick.
4045. Henry C. McKown, West Stewartstown, 12.8 hp. Stevens.
4046. William N. Moody, Concord, 22.5 hp. Ford.
4047. Newell C. Nutting, Meredith, 20.2 hp. Flanders.
4048. Fred A. Clark, Warner, 20 hp. Rambler.
4049. John C. Nutter, Jr., Pittsfield, 4.9 hp. Orient.
4050. Fred C. Smalley, Dover, 14.5 hp. Reo.
4051. Newton L. King, Concord, 8 hp. Stanley.
4053. Charles A. Phelps, Newport, 16.2 hp. Buick.
4054. George E. Hibbard, Holderness, 28.9 hp. White.
4055. Amoskeag Mfg. Co., Manchester, 1.3 hp. Columbia.
4056. Leon M. Willard, Keene, 25.6 hp. Overland.
4057. Hilliard & Green, Franconia, 25.6 hp. Peerless.
4058. Eli J. Horner, Winchester, 6 hp. Stanley.
4059. William G. Rankin, Rochester, 22.5 hp. Overland.
4060. Ralph Walker, Portsmouth, 28.9 hp. Cadillac.
4061. Elmer D. Goodwin, Manchester, 28.9 hp. Maxwell.
4062. Hilliard & Green, Franconia, 12.8 hp. Buick.
4063. William S. Dutton, Laconia, 22 hp. Fuller.
4064. W. A. King, Laconia, 32.4 hp. Jackson.
4065. W. P. Weston, Hancock, 16.9 hp. Hupmobile.
4066. Clinton H. Atkinson, Concord, 6 1/4 hp. Stanley.
4067. Willard Cummings, Colebrook, 33.7 hp. Mitchell.
4068. Loren W. Mooney, Henniker, 25.6 hp. Maxwell.
4069. George W. Folger, Nashua, 25.6 hp. Cadillac.
4070. E. H. Smart, Concord, 16.2 hp. Buick.
4071. Cecil J. Greer, Manchester, 20 hp. Rambler.
4072. George L. Miner, Penacook, 40 hp. Acmé.
4073. Alfred N. Twitchell, Gorham, 22.5 hp. Ford.
4074. J. F. Prescott, Laconia, 16.9 hp. R. C. H.
4075. Max C. Manning, Center Barnstead, 30 hp. Oakland.
4076. Archie R. Bowles, Franconia, 14.4 hp. Ford.
4077. Frank C. Brockway, Hillsborough, 22.5 hp. Ford.
4078. Carrie M. Wood, Claremont, 22.5 hp. Maxwell.
4079. John H. DeGross, Bath, 10 hp. Cadillac.
4080. George Carter, Manchester, 38.4 hp. Pierce-Arrow.
4081. Benjamin H. Kemp, Hillsborough, 13.6 hp. Economy.

4082. Warren S. Nudd, Tilton, 24 hp. Elmore.
4083. Thomas J. Mullany, 28.9 hp. Overland.
4084. Edward L. Gulick, Hanover, 25.6 hp. Buick.
4085. Ellsworth H. Rollins, Alton, 22.5 hp. Ford.
4086. Irving A. Parnell, Nashua, 40 hp. National.
4087. George A. Gove, So. Weare, 22.5 hp. Ford.
4088. Richard Wentworth, Berlin, 14 hp. Sears.
4089. Nelson W. Case, Penacook, 12.8 hp. Pope-Hartford.
4090. William A. Proctor, Candia, 10 hp. Stanley.
4091. H. B. Needham, Peterborough, 22.5 hp. Ford.
4092. Ransom A. Twitchell, Milan, 22.5 hp. Ford.
4093. Fay B. Smith, Raymond, 22.5 hp. Hupmobile.
4094. John E. Edmands, Littleton, 28.9 hp. Mitchell.
4095. Forest J. Hanson, Kingston, 40 hp. Haynes.
4096. Carrie E. Royce, Campton, 18 hp. Reo.
4097. Ben A. Hurd, Portsmouth, 22.5 hp. Elkhart.
4098. Board of Public Works, Portsmouth, 30 hp. Reo.
4099. Leon Reynolds, Stewartstown, 19.6 hp. Flanders.
4100. Walter H. Marsh, Hudson, 43.8 hp. Stevens.
4101. Ezra N. Baker, Londonderry, 14.5 hp. Jackson.
4102. Claire Edith George, Portsmouth, 25.6 hp. Overland.
4103. George H. Springfield, Rochester, 22.5 hp. Ford.
4104. Herman H. Roberts, Jefferson, 28.9 hp. Grant.
4105. Arthur C. Waterhouse, Barrington, 6 hp. Stanley.
4106. William B. Dickson, Littleton, 30.6 hp. Overland.
4107. Goodhue & Hawkins, Wolfeboro, 20.2 hp. Panhard.
4108. Alvin C. Gilman, Franklin, 22.5 hp. Ford.
4109. Frank H. Bennett, Dover, 12.8 hp. Maxwell.
4110. Austin T. Cuseck, Woodstock, 22.5 hp. Ford.
4111. George F. Pinder, Rye, 10 hp. Cadillac.
4112. Robert W. Rand, West Rye, 12.8 hp. Maxwell.
4113. J. Coleman Blair, Jr., Tilton, 16.2 hp. Maxwell.
4114. Frank H. Boston, Rochester, 22.5 hp. Ford.
4115. Henry W. Bagley, Derry, 12 hp. Stanley.
4116. James C. Furness, Manchester, 36.1 hp. Firestone-Columbus.
4117. William D. Rudd, Franconia, 20 hp. International.
4118. Lendon I. Brown, Nashua, 10 hp. Stanley.
4121. Ralph Kendrick, South Weare, 12.8 hp. Maxwell.
4122. Harry W. Peaslee, Bedford, 22.5 hp. Buick.
4123. Burton W. Lockhart, Manchester, 27.2 hp. Firestone-Columbus.
4124. Loren D. Clement, North Weare, 28.9 hp. Cadillac.
4125. Charles B. Thomes, Brookfield, 24 hp. Buick.
4126. Orrin L. Spofford, Dover, 12.8 hp. Maxwell.
4127. Thomas W. Boyce, Rochester, 6 hp. Stanley.
4128. William H. Roberts, Dover, 28.9 hp. Overland.
4129. Arthur Gonyer, Johnson, 5 hp. Locomobile.
4130. Mary Field, Nashua, 48.6 hp. Stevens.
4131. Cyrus L. Jenness, Dover, 36.1 hp. Oldsmobile.
4132. John R. Burnett, Nashua, 40 hp. White.
4133. Frank A. Musgrove, Hanover, 25.6 hp. Reo.
4134. Walton C. Barker, Hudson, 25.6 hp. Reo.
4135. Joseph E. Laroche, Manchester, 25.6 hp. Regal.
4136. Herbert A. Trull, Manchester, 25.6 hp. Hudson.
4137. Michael J. Foley, Lincoln, 30.6 hp. Rambler.
4138. Frank E. Mulligan, Dover, 32.4 hp. Rambler.
4139. Charles C. Bilsborough, Concord, 22.5 hp. Overland.
4140. E. H. Rollins, Alton, 32.4 hp. Jackson.
4141. William L. Taggart, Manchester, 32.4 hp. Cadillac.
4142. Joseph Bienvenue, Manchester, 36.1 hp. Firestone-Columbus.
4143. Robert B. Wolf, Berlin, 16.2 hp. Buick.
4144. Augustus D. Brown, Epping, 25.6 hp. Reo.
4145. F. C. Morgan, Claremont, 25.6 hp. Cadillac.
4146. George F. Knowlton, Harrisville, 16.2 hp. Buick.
4147. Hadley S. Burgess and C. J. Hadley, Manchester, 32.6 hp. Regal.
4148. W. F. Dodge & Son, Whitefield, 28.9 hp. Maxwell.
4149. Cora E. Marden, Pike, 25.6 hp. Maxwell.
4150. C. G. Blanchard, Concord, 32.4 hp. Buick.
4151. Mary J. Carpenter, Chichester, 32.4 hp. Buick.
4152. Frank H. Fuller, Hinsdale, 22.5 hp. Ford.
4153. John D. Annis, Colebrook, 28.9 hp. Mitchell.

- 4154. Edmund E. Hill, Suncook, 22.5 hp. Buick.
- 4155. Charles H. Blake, Meredith, 20 hp. Buick.
- 4156. William P. Clough, Sutton, 22.5 hp. Metz.
- 4157. Fred E. Cooley, Milford, 40 hp. Rambler.
- 4158. Lee V. Knapp, Danbury, 20 hp. Maxwell.
- 4159. Thomas Carr, Laconia, 22.5 hp. Ford.
- 4160. George A. Prince, New Boston, 22.5 hp. Ford.
- 4161.† Winfred J. Chase, Warner, 14.5 hp. Maxwell.
- 4162. Charles H. Chase, Newmarket, 20 hp. Columbia.
- 4163. Charles M. Philbrook, Shelburne, 22.5 hp. Ford.
- 4164. Zenas F. Lamb, Enfield, 16.1 hp. Maxwell.
- 4165. Carl E. Taylor, Woodsville, 22.5 hp. Krit.
- 4166. Dexter B. Dawes, Chesham, 32.4 hp. Cadillac.
- 4167. Henry A. Cutter, Nashua, 32.4 hp. Stevens.
- 4168. Frank E. Philbrook, Laconia, 22.5 hp. Ford.
- 4169. George A. Guertin, Manchester, 48.6 hp. Peerless.
- 4170. Elmore W. Webster, Hopkinton, 22.5 hp. Ford.
- 4171. Daniel Chesley, Dover, 25.6 hp. Overland.
- 4172. Matthew J. Ryan, Berlin, 28.9 hp. Sampson.
- 4173. Albert E. Rand, Portsmouth, 10 hp. Cadillac.
- 4174. Henry L. Peaslee, Bedford, 22.5 hp. Ford.
- 4175. William O. Story, Hillsborough, 16.2 hp. Maxwell.
- 4176. Joel F. Robinson, Glen, 22.5 hp. Maxwell.
- 4177. William M. Silsby, Littleton, 22.5 hp. Ford.
- 4178. Arthur W. Wilkins, Whitefield, 12.8 hp. Maxwell.
- 4179. Chester M. Wiggins, Conway, 25.6 hp. Jackson.
- 4180. William E. Lawrence, North Haverhill, 18 hp. Reo.
- 4181. Charles E. Frye, Laconia, 36.4 hp. Thomas.
- 4182. Henry S. Peabody, Littleton, 25.6 hp. Studebaker.
- 4183. Willard A. Meserve, Jackson, 54 hp. Stevens.
- 4184. Augustin L. Austin, Milan, 18 hp. Reo.
- 4185. James C. McLeod, Littleton, 27.2 hp. Overland.
- 4186. Edward W. Rollins, Dover, 40 hp. Packard.
- 4187. Hertel Pariseau, Manchester, 28.9 hp. Peerless.
- 4188. Albert H. Towne, East Jaffrey, 22.5 hp. Ford.
- 4189. Marshall W. White, Bristol, 22.5 hp. Overland.
- 4190. Edmund C. Shattuck, Jaffrey, 48 hp. Winton.
- 4191. Fred T. Pollard, Newport, 22.5 hp. Buick.
- 4192. A. M. Stahl, Berlin, 36 hp. Stoddard-Dayton.
- 4193. Richard S. Emery, Concord, Stanley.
- 4194. Leon W. Dennison, Hillsborough, 12.8 hp. Maxwell.
- 4195. Alvah C. Amazeen, Portsmouth, 19.6 hp. Buick.
- 4196. Oscar O. Fontaine, Allentown, 28.9 hp. Maxwell.
- 4197. Fred L. Wood, Portsmouth, 28.9 hp. Cadillac.
- 4198. John C. Huckins, 22.5 hp. Ford.
- 4199. Frank W. Evans, Stratford, 22.5 hp. Ford.
- 4200. Carlyle W. Blaisdell, Concord, 25.6 hp. Hudson.
- 4201. William E. Quirin, Manchester, 38 hp. Peerless.
- 4202. Frederick Bruce, New York City, 48 hp. Pierce-Arrow.
- 4203. John D. Barry, Lincoln, 20.2 hp. Maxwell.
- 4204. Wilfred A. Hodgdon, Berlin, 36.1 hp. Stoddard-Dayton.
- 4205. Herbert B. Moulton, Lisbon, 48.6 hp. Packard.
- 4206. Edward L. Warren, Laconia, 25.6 hp. Cutting.
- 4207. Peter C. Salvail, Nashua, 22.5 hp. Ford.
- 4208. Elisha R. Brown, Dover, 32.4 hp. Cadillac.
- 4209. Alfred J. McClure, Jr., Concord, 25.6 hp. Chalmers.
- 4210. Ralph P. Farmer, Manchester, 48.6 hp. Ford.
- 4211. Ernest J. Day, Manchester, 14.5 hp. Oldsmobile.
- 4212. Neal H. McGinley, Wentworth Location, 22.5 hp. Ford.
- 4213. George F. Munsey, Pembroke, 16.9 hp. Hupmobile.
- 4214. Quincy A. Ballou, Bristol, 9 hp. Reo.
- 4215. Louis N. Wheelock, Claremont, 32.5 hp. Stoddard-Dayton.
- 4216. Anson A. Platts, Merrimack, 25.6 hp. Reo.
- 4217. O. W. Fernald, Gorham, 36.1 hp. Oakland.
- 4218. Jennie M. Corey, Manchester, 3 hp. Bailey.
- 4219. E. D. Perrault, Nashua, 22.5 hp. Ford.
- 4220. Ralph T. Barnev, Canaan, 9 hp. Reo.
- 4221. Lorin Webster, Holderness, 32.4 hp. Buick.
- 4222. J. F. Merrill, Northwood, 22.5 hp. Ford.
- 4223. Ralph W. Hopkins, Claremont, 28.9 hp. Cadillac.



4224. Henry W. Stevens, Concord, 38 hp. Peerless.
4225. Ray E. Bonett, Piermont, 10 hp. Reo.
4226. Fremont S. Swain, Northwood Narrows, 9 hp. Reo.
4227. Everett L. Thompson, Dover, 25.6 hp. Jackson.
4228. Lougee Robinson Co., Laconia, 36.1 hp. Speedwell.
4229. Fred A. Woodward, West Lebanon, 22.5 hp. Buick.
4230. John F. Goodwin, Wolfeboro, 22.5 hp. Ford.
4231. Courtland D. Lougee, Laconia, 22.5 hp. Mitchell.
4232. Peter A. Derry, Errol, 22.5 hp. Ford.
4233. Charles H. Marston, Bridgewater, 22.5 hp. Ford.
4234. Charles C. Jackson, Dublin, 2½ hp. Baker.
4235. John A. Hickey, Stark, 22.5 hp. Buick.
4236. Ernest D. Kilgore, Gorham, 28.9 hp. Buick.
4237. Ivan B. Morrison, Raymond, 12.8 hp. Maxwell.
4238. Charles H. Merrill, Exeter, 48.6 hp. Locomobile.
4239. Arthur W. Chandler, Conway, 14.4 hp. Stevens.
4240. Allen O. Crane, New London, 22.5 hp. Ford.
4241. William G. Bradley, Rochester, 22.5 hp. Ford.
4242. George H. Rolfe, Concord, 36.1 hp. Jackson.
4243. Harlan R. Whitney, Northwood, 19.6 hp. Autocar.
4244. Ransom F. Smith, North Woodstock, 22 hp. Buick.
4245. Christopher A. Welch, Pittsfield, 32.4 hp. Buick.
4246. Armenia W. Hobbs, Concord, 32.4 hp. Cadillac.
4247. Edgar W. Sanborn, Ashland, 9.8 hp. Metz.
4248. Charles H. Dors, Manchester, 8 hp. Home-made.
4249. Charles S. Gray, Dover, 27.2 hp. Marion.
4250. James J. Harrington, Littleton, 22.5 hp. Ford.
4251. Waldron B. Haley, E. Barrington, 27.2 hp. Oakland.
4252. Earle R. Davis, Farmington, 14.5 hp. Autocar.
4253. Cyrus F. Roberts, Rye, 16 hp. Buick.
4254. Walter S. Welch, Ossipee, 22 hp. Buick.
4255. Noah M. Brissett, Dover, 22.5 hp. Buick.
4256. Charles E. Campbell, Nashua, 6.4 hp. Oldsmobile.
4257. Bowles & Hoskins Co., Lisbon, 32.4 hp. Buick.
4258. Ernest Johnson, Goffstown, 24.6 hp. Stoddard-Dayton.
4259. Charles A. Bailey, Manchester, 27.2 hp. Firestone-Columbus.
4260. Charlie W. Grove, Manchester, 22.5 hp. Ford.
4261. Walter Buzzell, Barrington, 22.5 hp. Overland.
4262. George H. VanDyke, Berlin, 25.6 hp. Buick.
4263. William H. Marden, Dover, 12.8 hp. Maxwell.
4264. Dwight S. Stone, Woodsville, 32.4 hp. Jackson.
4265. Jennie D. Trumbull, Potter Place, 22.5 hp. Buick.
4266. Cyrus E. Gale, Jackson, 48.4 hp. Oakland.
4267. George A. LaVertue, Lakeport, 20 hp. Maxwell.
4268. M. W. Colby, Cornish, 48.6 hp. Mora.
4269. Wilfred C. Foss, Greenville, 22.5 hp. Buick.
4270. Frank M. Aver, Alton, 22.5 hp. Ford.
4271. Fredric C. Robinson, Piermont, 25.6 hp. Maxwell.
4272. Mary J. Tallant, Pittsfield, 22.5 hp. Ford.
4273. Octave J. Pepin, Dover, 25.6 hp. Overland.
4274. Ned B. Sanborn, Meredith, 22.5 hp. Ford.
4275. Alfred Firth, Manchester, 22.5 hp. Ford.
4276. Clarence M. Johnson, Sanbornton, 32.4 hp. Buick.
4277. Daniel Merriman, 48.6 hp. Pierce.
4278. E. F. Tessier, Nashua, 25.6 hp. E. M. F.
4279. Arthur C. Gray, Jackson, 48.4 hp. Oakland.
4280. Charles H. Smart, Ossipee, 12.8 hp. Maxwell.
4281. Frank E. Granville, Wolfeboro, 22.5 hp. Ford.
4282. Winfred R. Emerson, Pittsfield, 25 hp. R. C. H.
4283. Austin L. Calef, Barrington, 25.6 hp. Overland.
4284. Willie C. Blake, Contoocook, 18 hp. Ford.
4285. G. E. Loveren, Newport, 10 hp. Stanley.
4286. George A. Sylvester, Nashua, 36.1 hp. Corbin.
4287. A. G. Holt, Berlin, 25.6 hp. E. M. F.
4288. George L. Stone, Peterborough, 9.8 hp. Rambler.
4289. Frank X. Lariviere, Manchester, 25.6 hp. Everitt.
4290. Mendon P. Moore, Manchester, 28.9 hp. Cadillac.
4291. Fred A. Fowler, Hill, 10 hp. Maxwell.
4292. George P. L. Worcester, Dover, 22.5 hp. Buick.
4293. William S. Pease, Nashua, 12.8 hp. Ford.



4294. Henry C. Holbrook, Penacook, 22.5 hp. Ford.
4295. Mark B. Blaisdell, Wolfeboro, 22.5 hp. Ford.
4296. George E. French, Manchester, 20 hp. Lambert.
4297. Nathaniel L. Berry, Jr., Melvin Village, 27.2 hp. Pope-Hartford.
4298. Charles C. Schoolcraft, Concord, 22.5 hp. Mitchell.
4299. Daniel K. Barry, Newport, 22.5 hp. Ford.
4300. Henry R. Davis, Concord, 32.4 hp. Cadillac.
4301. Frank L. Howe, Barrington, 22.5 hp. Elmore.
4302. Edgar C. Hoague, Concord, 32.4 hp. Jackson.
4303. John W. Ford, Concord, 28.9 hp. Buick.
4304. J. F. Gardner, Jr., Suncook, 22.5 hp. Ford.
4305. William H. Tucker, Laconia, 28.9 hp. Maxwell.
4306. O. A. Twitchell, West Milan, 28.9 hp. Buick.
4307. Charles H. Clement, Derry, 25.6 hp. Jackson.
4308. George A. Gilmore, Epping, 16.2 hp. Maxwell.
4309. Arthur E. Thompson, Lee, 8 hp. Stanley.
4310. W. W. Burlingame, Berlin, 18 hp. Reo.
4311. Israel C. Richardson, Littleton, 32.4 hp. Grout.
4312. Arthur J. Willand, Wolfeboro, 25.6 hp. Reo.
4313. Richard L. Beckwith, Centre Sandwich, 22.5 hp. White.
4314. Frank H. Simpson, Suncook, 32.4 hp. Marmon.
- 4315.† Frank M. Dinsmoor, Keene, 22.5 hp. Ford.
4316. John F. Small, Dover, 25.6 hp. Overland.
4317. Harry E. Cole, Manchester, 22.5 hp. Hupmobile.
4318. A. Carlton Wight, Milan, 25.6 hp. Buick.
4319. Homer A. Graves, Whitefield, 28.9 hp. Cadillac.
4320. Edward E. Little, Colebrook, 36.1 hp. Winton.
4321. Willis A. Shedd, Nashua, 32.4 hp. Cadillac.
4322. George W. Currier, Nashua, 10 hp. Stanley.
4323. Jeremiah J. Morin, Rochester, 22.5 hp. Buick.
4324. Henry H. Nadig, Colebrook, 27.2 hp. Oakland.
4325. George M. Wiggin, Sandwich, 36.1 hp. Stoddard-Dayton.
4326. Joseph DeGare, West Rindge, 16.2 hp. Maxwell.
4327. George A. Clark, Lisbon, 43.8 hp. Stevens.
4328. Carl M. Keith, Walpole, 22.5 hp. Ford.
4329. Frank E. Hanks, Columbia, 16.2 hp. Buick.
4330. Albert Lasalle, Manchester, 12.4 hp. Stevens.
4331. Fred W. Story, Laconia, 28.9 hp. Cadillac.
4332. Harry O. Mason, South Tamworth, 25.6 hp. Buick.
4333. Richard H. Ham, Portsmouth, 28.9 hp. Chalmers.
4334. Condon & Davis, Newport, 25.6 hp. Overland.
4335. Edward G. Towle, Exeter, 28.9 hp. Maxwell.
4336. Jasper N. Kellar, Surry, 48.6 hp. Pierce-Arrow.
4337. Louis P. Tremblay, Manchester, 40 hp. Selden.
4338. Horton D. Marden, Rye Beach, 28.9 hp. Chalmers.
4339. Nicholas Thomas, Nashua, 20 hp. International.
4340. Louis Gagnon, Nashua, 18.2 hp. Home-made.
4341. Charles H. Lee, Hillsborough, 25.6 hp. Jackson.
4342. Charles E. Bunker, Raymond, 18 hp. Buick.
4343. John Elliot, Keene, 22.5 hp. Hudson.
4344. Moses H. Pillsbury, Woodsville, 10 hp. Stanley.
4345. Norton Lindsay, Woodsville, 10 hp. Stanley.
4346. Orson D. Cummings, Charlestown, 19.6 hp. Overland.
4347. Raymond Cavis, Bristol, 22.5 hp. Overland.
4348. George E. Varney, Rochester, 19.6 hp. Franklin.
4349. Thomas F. Crowe, Enfield, 28.9 hp. Overland.
4350. Laurence J. Harrington, Manchester, 60 hp. Pierce-Arrow.
4351. William F. Harrington, Manchester, 48.6 hp. Pierce-Arrow.
4352. Robert Butson, Woodsville, 25.6 hp. Overland.
4353. George C. Patten, Littleton, 25.6 hp. Reo.
4354. L. D. Barrett, Lisbon, 33 hp. Day.
4355. Charles S. Whitcomb, West Lebanon, 25.6 hp. Cadillac.
4356. Edward E. Smith, Antrim, 28.9 hp. Chalmers.
4357. William M. Hinchy, Berlin, 25.6 hp. E. M. F.
4358. Nathan H. Martin, Guild, 22.5 hp. Maxwell.
4359. Vladimir H. Sikorsky, Salem, 25.6 hp. Maxwell.
4360. Garvin R. Magoon, Stratford, 32.4 hp. Cadillac.
4361. L. A. Nelson, Contoocook, 16.2 hp. Buick.
4362. Harry R. Green, Munsonville, 25.6 hp. Overland.
4363. Nathan L. Griffin, New London, 25.6 hp. Maxwell.

4364. Daniel J. Flanders, Nashua, 25.6 hp. Reo.
4365. George H. Edgell, Newport, 25.6 hp. Packard.
4366. Robert V. Sweet, Rochester, 48.6 hp. Pierce-Arrow.
4367. Frank E. Donahue, Berlin, 22.5 hp. Ford.
4368. Ernest G. Timme, Bennington, 32.4 hp. Cadillac.
4369. Oscar A. Lougee, Laconia, 28.9 hp. Pope-Hartford.
4370. Charles L. Morse, Woodstock, 22.5 hp. Ford.
4372. Rockwell Clough Co., Alton, 20 hp. International.
4373. Lorin D. Goulding, Conway, 43.8 hp. Stevens.
4374. Esther Slosberg, Portsmouth, 13.6 hp. Reo.
4375. Charles S. Lacroix, Rochester, 25.6 hp. Maxwell.
4376. Edward B. Towle, Hampton, 22.5 hp. Overland.
4377. Robert P. Peckett, Lisbon, 40 hp. Pierce-Arrow.
4378. Harry Sussman, Portsmouth, 18 hp. Ford.
4379. George A. Veazie, Littleton, 22.5 hp. Ford.
4380. Jacob A. Carlisle, Exeter, 20 hp. Maxwell.
4381. Robert Schneider, Manchester, 40 hp. Grout.
4382. Frak G. Dort, Keene, 48.6 hp. Packard.
4383. Walter R. Tebbetts, Somersworth, 20 hp. Flanders.
4384. B. H. Hinman, Berlin, 25.6 hp. Chalmers.
4385. Edgar E. Crosby, Concord, 20.2 hp. Flanders.
4386. Albert H. Linscott, Rochester, 40 hp. Packard.
4387. Herbert E. Haines, Wolfeboro, 24.6 hp. Everitt.
4388. Manchester Coal & Ice Co., Manchester, 40 hp. Frayer-Miller.
4389. Eli W. Labombarde, Nashua, 43.8 hp. Mitchell.
4390. Allen M. Avery, Laconia, 28.9 hp. Maxwell.
4391. Elery C. Bugbee, Franklin, 32.4 hp. Buick.
4392. George D. Mayo, Laconia, 25.6 hp. Hudson.
4393. Clark E. Swail, Colebrook, 16.2 hp. Maxwell.
4394. Samuel M. Katze, Manchester, 22.5 hp. Buick.
4395. Louis Vogel, Manchester, 25.6 hp. Overland.
4396. Charles F. Prohaska, Newcastle, 22.5 hp. Ford.
4397. George A. Clukav, Dublin, 22.5 hp. Overland.
4398. A. W. Morse, Manchester, 25.6 hp. Chalmers.
4399. James E. Winn, Somersworth, 18 hp. Reo.
4400. William A. Stone, Concord, 48.6 hp. Winton.
4401. Stetson W. Cushing, Groveton, 12.8 hp. Maxwell.
4402. Bernard Q. Bond, Rochester, 27.2 hp. Marion.
4403. Adela Barrett, Newcastle, 3½ hp. Detroit.
4404. John W. Dole, Enfield, 32.6 hp. Buick.
4405. James L. Brockway, Dublin, 22.5 hp. Buick.
4406. Lowell T. Mason, Canterbury, 10 hp. Stanley.
4407. Fred J. Hanson, Farmington, 48.6 hp. Winton.
4408. Edward J. Hopkins, Wilton, 22.5 hp. Ford.
4409. William B. Hall, Orford, 10.5 hp. Maxwell.
4410. Wilfred M. Fiske, Dublin, 27.2 hp. Overland.
4411. Arthur W. Simpson, Dover, 12.8 hp. Reo.
4412. Wilfred F. Willett, Somersworth, 22.5 hp. Ford.
4413. Milton D. Mason, Dublin, 32.4 hp. Rambler.
4414. William B. Durgin Co., Concord, 43.8 hp. Mitchell.
4415. Harold C. Aldrich, Lisbon, 27.2 hp. Overland.
4416. Edwin A. Smith, Manchester, 28.9 hp. Cadillac.
4417. George W. Roberts, East Candia, 25.6 hp. Hudson.
4418. George H. Tilton, Laconia, 40 hp. Rambler.
4419. Fred J. Moore, Lisbon, 22.5 hp. Ford.
4420. Charles E. Marden, Tilton, 14.4 hp. Franklin.
4421. Dennis C. Randlett, Sanbornton, 16.2 hp. Stevens.
- 4422.† Bernard Jacobs, Lancaster, 22.5 hp. Ford.
4423. Irving M. Heath, Newton, 16.2 hp. Maxwell.
4424. Edna M. Gilson, Charlestown, 40 hp. Packard.
4425. Gerry Walker, Nashua, 25.6 hp. Reo.
4426. Thomas S. Emery, Auburn, 12.8 hp. Maxwell.
4427. Fred Aldrich, Whitefield, 20 hp. Maxwell.
4428. Edward H. Paul, Sanbornton, 36.1 hp. Winton.
4429. Charles H. Cram, Meredith, 30 hp. Reo.
4430. C. H. Heath, Ashland, 22.5 hp. Overland.
4431. Walter I. Gray, Colebrook, 28.9 hp. E. M. F.
4432. Henry C. Stevens, Haverhill, 22.5 hp. Buick.
4433. Augustus Young, Exeter, 25.6 hp. Maxwell.

- 4434. James A. Scully, Manchester, 38.4 hp. Everitt.
- 4435. Fred Frazier, Troy, 20 hp. Stanley.
- 4436. Herbert E. Smith, Pike, 28.9 hp. Buick.
- 4437. Henry G. Vogel, Gilford, 40 hp. Packard.
- 4438. Lilla J. Whipple, Bristol, 40 hp. Speedwell.
- 4439. Alphonse Chagnon, Nashua, 25.6 hp. Studebaker.
- 4440. Alfred de Moulpied, Manchester, 28.9 hp. Buick.
- 4441. Thomas J. Morin, Rochester, 27.2 hp. Imperial.
- 4442. Harold B. Moreau, Berlin, 22.5 hp. Flanders.
- 4443. George A. Wells, Haverhill, 22.5 hp. Ford.
- 4444. William F. Thayer, Concord, 48.6 hp. Winton.
- 4445. Charles V. Tomkinson, Lebanon, 28.9 hp. Overland.
- 4446. Michael Martin, Marlboro, 32.4 hp. Buick.
- 4447. Maplewood Hotel Co., Bethlehem, 30 hp. Rainier.
- 4448. Wesley Smith, Manchester, 28.9 hp. Firestone-Columbus.
- 4449. Samuel O. Joy, New Durham, 12.8 hp. Maxwell.
- 4450. Fred H. Savory, Warner, 12.8 hp. Maxwell.
- 4451. James S. Shaw, Franklin, 22.5 hp. Ford.
- 4452. Alton E. Shurtleff, Littleton, 22.5 hp. Ford.
- 4453. Arabella Buttrick, Londonderry, 25.6 hp. Chalmers.
- 4454. George N. Perry, Rye, 22.5 hp. Overland.
- 4455. Albert N. Parlin, Croydon, 32.4 hp. Velie.
- 4456. Fremont D. Bartlett, Berlin, 28.9 hp. Overland.
- 4457. George H. LaBonta, Concord, 16.2 hp. Elmore.
- 4458. Edwin I. Wellington, Rindge, 20 hp. Stoddard-Dayton.
- 4459. W. F. Davenport, Jefferson, 16.2 hp. Maxwell.
- 4460. Chester S. Gray, Littleton, 25.6 hp. E. M. F.
- 4461. W. E. Garland, West Rye, 12.8 hp. Maxwell.
- 4462. George W. Dennison, New Boston, 28.9 hp. Buick.
- 4463. Mary C. Duval, Rochester, 10 hp. Stanley.
- 4464. Edward T. Morse, Chester, 22.5 hp. Overland.
- 4465. Alfred T. Blake, Manchester, 16.2 hp. Maxwell.
- 4466. Edward W. Trow, Mont Vernon, 22.5 hp. Ford.
- 4467. Leon J. Little, Colebrook, 16.2 hp. Maxwell.
- 4468. Elwin C. Jewell, West Rindge, 22.5 hp. Buick.
- 4469. A. E. Buckley, Berlin, 25.6 hp. Buick.
- 4470. James G. O'Laughlin, Milton, 22.5 hp. Ford.
- 4471. William E. Thompson, Groveton, 28.9 hp. Maxwell.
- 4472. Dana W. Baker, Exeter, 28.9 hp. Maxwell.
- 4473. Albert G. Jameson, Colebrook, 16.2 hp. Maxwell.
- 4474. Frederick G. King, Boston, Mass., 40 hp. Packard.
- 4475. Herbert G. Corliss, Northwood Ridge, 16.2 hp. Buick.
- 4476. William G. Berry, Manchester, 25.6 hp. Hudson.
- 4477. Hezekiah Bickford, Laconia, 25.6 hp. Atlas.
- 4478. Paul and Stephen Balla, Acworth, 15.3 hp. Buick.
- 4479. E. S. Wait, Harrisville, 22.5 hp. Overland.
- 4480. Frank C. Kellogg, Manchester, 22.5 hp. Maxwell.
- 4481. Winnepesaukee Telephone Co., Laconia, 14 hp. International.
- 4482. Leverett B. Sanders, Franklin, 32.4 hp. Buick.
- 4483. Mary A. Armstrong, Holderness, 22.5 hp. Ford.
- 4484. John Budro, 24 hp. Stevens.
- 4485. Daniel Hall, Dover, 32.4 hp. Buick.
- 4486. John H. Jeuness, Farmington, 22.5 hp. Ford.
- 4487. Frederick C. Sweeney, East Jaffrey, 22.5 hp. Overland.
- 4488. LaFell Dickinson, Winchester, 18.2 hp. Franklin.
- 4489. John M. Chase, Effingham, 16.2 hp. Buick.
- 4490. Ephraim Wentworth, Berlin Mills, 20 hp. Rambler.
- 4491. Agnes A. Leach, Franklin, 28.9 hp. Buick.
- 4492. Ralph E. Meras, Exeter, 35 hp. Stoddard-Dayton.
- 4493. George W. Carroll, Merrimack, 22.5 hp. Metz.
- 4494. Francis J. Gallant, Portsmouth, 20 hp. McIntyre.
- 4495. Herbert A. Richardson, Moultonborough, 22.5 hp. Ford.
- 4496. Herbert A. Richardson, Moultonborough, 6 hp. Stanley.
- 4497. Dana F. Fellows, Franklin, 25.6 hp. Overland.
- 4498. James A. Moffett, Berlin, 22.5 hp. Ford.
- 4499. Adolph L. Maher, Concord, 28.9 hp. Mitchell.
- 4500. Lucius B. Snelling, Manchester, 22.5 hp. Ford.
- 4501. George B. Seymour, Plymouth, 22.5 hp. Ford.
- 4502. Leonard Tufts, Meredith, 40 hp. Packard.
- 4503. William A. Bowen, Lempster, 22.5 hp. Buick.

4504. Benjamin B. Fox, No. Woodstock, 20 hp. Maxwell.  
4505. Charles E. Gowen, Dover, 25.6 hp. Marion.  
4506. William J. Freeman, Manchester, 22 hp. Ford.  
4507. Harry C. Greene, Nashua, 18.2 hp. Franklin.  
4508. Joseph W. Merrill, Exeter, 28.9 hp. Cadillac.  
4509. Henry T. Rowe, Woodsville, 22.5 hp. Ford.  
4510. Frank R. Locke, South Chatham, 12.8 hp. Pierce-Arrow.  
4511. Hervey D. Angell, Newport, 28.9 hp. Maxwell.  
4512. R. G. Carpenter, Wolfeboro, 48.6 hp. Peerless.  
4513. Walter J. Heath, Franklin, 10 hp. Cadillac.  
4514. Wayland P. Tolman, Nelson, 22.5 hp. Ford.  
4515. Lucy M. Sargent, Concord, 36.1 hp. Jackson.  
4516. Lucy V. Baird, Centre Conway, 60 hp. Pierce-Arrow.  
4517. W. E. Hale, Rindge, 25.6 hp. Regal.  
4518. Frank P. Maynard, Claremont, 48.6 hp. Winton.  
4519. Irving W. Applebee, Jefferson, 16.2 hp. Maxwell.  
4520. W. B. Brown, Ashland, 28.9 hp. Overland.  
4521. Irving H. Chase, Plymouth, 32.4 hp. Oakland.  
4522. Reginald A. Chase, Northfield, 16.2 hp. Buick.  
4523. Albert B. Moore, Northwood, 22.5 hp. Ford.  
4524. Alice F. Sawyer, Exeter, 22.5 hp. Buick.  
4525. Albion S. Garland, Portsmouth, 20 hp. Flanders.  
4526. Ralph E. Greene, Sandwich, 25.6 hp. Buick.  
4527. Fred A. Pressey, New London, 28.9 hp. Maxwell.  
4528. Harry F. Howard, Rochester, 19.6 hp. Overland.  
4529. Frank W. Ferguson, Sanbornville, 28.9 hp. Cadillac.  
4530. Edwin E. Bemis, West Swanzey, 16.2 hp. Buick.  
4531. Arthur C. Scriggins, Laconia, 12.8 hp. Maxwell.  
4532. Fred R. Eastman, Ossipee, 22.5 hp. Ford.  
4533. Norris E. Eaton, Hampstead, 18 hp. White.  
4534. Thomas Turbin, Bristol, 8 hp. Reo.  
4535. Mrs. Thomas O'Shea, Laconia, 27.2 hp. Jackson.  
4536. Paul Ebelt, Littleton, 10 hp. Cadillac.  
4537. Fred B. Sawyer, Franklin, 16.2 hp. Buick.  
4538. Wallace W. Day, Exeter, 18 hp. Buick.  
4539. O'Neil Twitchell, Lancaster, 22.5 hp. Ford.  
4540. James M. Kimball, Lancaster, 22.5 hp. Ford.  
4541. Albert E. Campbell, Groveton, 22.5 hp. Maxwell.  
4542. Daniel J. Bakie, Kingston, 32.4 hp. Inter-State.  
4543. John B. Rhines, Farmington, 12 hp. Buick.  
4544. John S. Runnells, Chocorua, 25.6 hp. Regal.  
4545. Archie C. Alley, Madison, 25.6 hp. Autocar.  
4546. Walter Kennett, Madison, 25.6 hp. Hudson.  
4547. Garrat B. Van Wagenen, Alstead, 25.6 hp. Stoddard-Dayton.  
4548. Horace T. Greenleaf, Holderness, 22.5 hp. Ford.  
4549. Frank C. Morse, Lebanon, 28.9 hp. Cadillac.  
4550. Arthur C. Leston, No. Walpole, 22.5 hp. Buick.  
4551. Arthur N. Dewey, Lebanon, 20 hp. Maxwell.  
4552. W. M. Forbush, Dummer, 10 hp. Stanley.  
4553. Alpheus L. Faunce, Somersworth, 22.5 hp. Ford.  
4554. Benjamin A. Stymest, Bath, 25.6 hp. E. M. F.  
4555. John L. McIntire, Milan, 19.6 hp. Buick.  
4556. Edward H. Lane, Littleton, 28.9 hp. Cadillac.  
4557. Glenroy W. Scott, Winchester, 8 hp. Grout.  
4558. Aaron E. Stevens, No. Stratford, 27.2 hp. Oakland.  
4559. Vincent J. Brennan, Sr., Newport, 28.9 hp. Cadillac.  
4560. Joseph M. Derby, Fitzwilliam, 28.9 hp. Buick.  
4561. Don C. Dexter, Lisbon, 28.9 hp. Buick.  
4562. Henry A. Allen, W. Stewartstown, 8 hp. Stanley.  
4563. W. E. Philbrick, Pittsfield, 16.9 hp. Hupmobile.  
4564. Dennis S. Merrill, North Haverhill, 25.6 hp. Maxwell.  
4565. Charles W. Abbott, Derry, 10 hp. Stanley.  
4566. George W. Lincoln, Hillsborough, 16.2 hp. Maxwell.  
4567. Charles M. Grey, Whitefield, 28.9 hp. Maxwell.  
4568. Patrick H. Moran, Manchester, 25.6 hp. Overland.  
4569. Herbert M. Moody, Manchester, 25.6 hp. Abbott.  
4570. Henry W. Greenfield, Rochester, 22.5 hp. Ford.  
4571. Fred N. Putnam, Nashua, 22.5 hp. Ford.  
4572. George H. Bingham, Newport, 10 hp. Stanley.  
4573. Avery E. Rowell, Berlin, 20 hp. White.

4574. Ellsworth A. Gile, Jackson, 25.6 hp. E. M. F.
4575. Jay H. Brink, Charlestown, 36.1 hp. Jackson.
4576. William H. Tucker, Laconia, 12.8 hp. Maxwell.
4577. Albert M. Bean, Milan, 25.6 hp. Reo.
4578. Frank M. Beckford, Laconia, 32.4 hp. Jackson.
4579. Kate I. Adams, Marlboro, 38 hp. Peerless.
4580. Thomas D. Winch, Peterborough, 22.5 hp. Overland.
4581. Robert P. Bass, Peterborough, 48.6 hp. Packard.
4582. Curtis T. Richards, Goffstown, 24 hp. Stevens.
4583. Ernest L. Stanford, East Westmoreland, 20.2 hp. Courier.
4584. George W. Berry, Wolfeboro Falls, 8 hp. Oldsmobile.
4585. H. E. Jameson, Newport, 22.5 hp. Pullman.
4586. Walter H. Parker, Littleton, 28.9 hp. Mitchell.
4587. Michael J. Powers, Concord, 38 hp. Stevens.
4588. Pine Grove Springs Hotel Co., Spofford, 40 hp. Ford.
4589. Mason W. Emery, New London, 25.6 hp. Reo.
4590. Horace J. Davis, Hopkinton, 28.9 hp. Maxwell.
4591. E. A. and Hattie R. Hanlon, Pembroke, 22.5 hp. Fuller.
4592. S. E. Barrett, Newcastle, 48.6 hp. Pierce-Arrow.
4593. Josiah N. Tilton, Raymond, 12.8 hp. Maxwell.
4594. John Wheeler, Plymouth, 28.9 hp. Overland.
4595. A. A. Turner, Lyme, 28.9 hp. Lambert.
4596. George D. Bowker, Keene, 14.5 hp. Ford.
4597. William J. Pascoe, Chocorua, 12.8 hp. Buick.
4598. Irving J. Hobbs, Madison, 40 hp. Chalmers.
4599. Frank H. Morse, Center Harbor, 32.4 hp. Jackson.
4600. W. DuBois Pulver, Salem, 30.6 hp. Oldsmobile.
4601. William J. Pascoe, Chocorua, 10 hp. Buick.
4602. Hance J. McIntosh, Danville, 22.5 hp. Metz.
4603. John H. Albin, Concord, 38 hp. Knox.
4604. John H. Albin, Concord, 40 hp. Knox.
4605. Charles Marden, Nashua, 22.5 hp. Buick.
4606. Albert G. Moulton, Lisbon, 25.6 hp. E. M. F.
4607. James W. Hickey, Stark, 22.5 hp. Buick.
4608. A. J. Bedell, Littleton, 8 hp. Waltham.
4609. David M. Hyman, Little Boar's Head, 10 hp. Renault.
4610. Warren A. Verrill, Alexandria, 22.5 hp. Ford.
4611. Leon H. Parker, Milford, 20.2 hp. Flanders.
4612. Ethel M. Conner, Exeter, 27.2 hp. Abbott.
4613. Thomas F. Sawyer, Woodstock, 27.2 hp. Cadillac.
4614. Oscar D. Emerson, Manchester, 22.5 hp. Cameron.
4615. Henry L. Chatel, Manchester, 25.6 hp. Overland.
4616. Frank G. Foss, New Durham, 27.2 hp. Pope-Hartford.
4617. Arthur K. Woodbury, Nashua, 25.6 hp. Reo.
4618. Fred A. Avery, Wolfeboro, 22.5 hp. Ford.
4619. Francis W. Crooker, Fitzwilliam, 6 hp. Stanley.
4620. W. Byron Stearns, Manchester, 30.6 hp. Overland.
4621. A. W. and C. H. Dearborn, Dover, 28.9 hp. Chalmers.
4622. Michael J. Nevins, Franklin, 22.5 hp. Ford.
4623. William C. Banfill, Lakeport, 16.2 hp. Maxwell.
4624. Ralph C. Dickey, Portsmouth, 22.5 hp. Buick.
4625. Alfred Povall, Albany, 32.4 hp. Buick.
4626. Eugene A. Watson, Rochester, 28.9 hp. Mitchell.
4627. Leon E. Putney, Keene, 20 hp. Stanley.
4628. James A. Phillips, Hudson, 22.5 hp. Ford.
4629. Edward S. Wait, Dublin, 32.4 hp. Rambler.
4630. Lewis E. Thomas, Wolfeboro, 12.8 hp. Holsman.
4631. Henry D. Allison, Dublin, 32.4 hp. Rambler.
4632. Albert Ellis, East Jaffrey, 16.9 hp. Hupmobile.
4633. George P. Morgan, Dover, 32.4 hp. Buick.
4634. Edmund I. Corbett, Colebrook, 12.8 hp. Maxwell.
4635. Frances G. Lee, Littleton, 36.1 hp. Packard.
4636. C. E. Caswell, Warren, 10 hp. Reo.
4637. Irving W. Fogg, Gorham, 25.6 hp. Cadillac.
4638. Fred G. Austin, Wilton, 20 hp. Rambler.
4639. Frances G. Lee, Littleton, 22.5 hp. Ford.
4640. Clarence J. Popple, West Rindge, 12 hp. Holsman.
4641. Charles D. Bickford, Rumney, 25.6 hp. Premier.
4642. Charles H. Hardy, Warner, 22.5 hp. Maxwell.
- 4643.† Malcolm R. Perkins, Farmington, 12 hp. Mitchell.



- 4644. Howard L. Winslow, Union, 22.5 hp. Maxwell.
- 4645. Harry E. Libby, Wolfeboro, 9 hp. Reo.
- 4646. George M. Durant, Derry, 6.4 hp. Orient.
- 4647. Alonzo S. Brooks, Alton, 25.6 hp. Ames.
- 4648. Byron F. Staples, Portsmouth, 28.9 hp. Mitchell.
- 4649. Chester E. Heath, Canterbury, 22.5 hp. Buick.
- 4650. James L. Dyer, Concord, 22.5 hp. Ford.
- 4651. Charles R. Sargent, Manchester, 28.9 hp. Overland.
- 4652. George W. Hanson, Warner, 14.5 hp. Maxwell.
- 4653. Edward F. Gale, Exeter, 25.6 hp. Hudson.
- 4654. F. W. Chase, Canaan, 20 hp. Knox.
- 4655. Louis M. Grant, Hopkinton, 25.6 hp. Reo.
- 4656. G. M. Hilliard, Potter Place, 19.6 hp. Overland.
- 4657.† Guy L. McKean, Manchester, 22.5 hp. Ford.
- 4658. William H. Moore, Dover, 25.6 hp. Premier.
- 4659.† Frank P. Morse, Lebanon, 22.5 hp. Maxwell.
- 4660. Charles H. Pease, Marlborough, 22.5 hp. Ford.
- 4661. M. Dana Woodard, Franklin, 22.5 hp. Overland.
- 4662. A. G. and W. J. Robinson, Dover, 25.6 hp. Chalmers.
- 4663. Lucian H. Hussey and Thad I. Rhodes, Somersworth, 35 hp. Stoddard-Dayton.
- 4664. Frank L. Davis, Wilton, 22.5 hp. Ford.
- 4665. William H. Ruiter, Center Harbor, 25.6 hp. Reo.
- 4666. William W. Powers, Nashua, 28.9 hp. Case.
- 4667. Norman McKinnon, Woodstock, 36.1 hp. Welch.
- 4668. Edwin S. Wallace, Dover, 24 hp. Pierce-Arrow.
- 4669. Joseph Greenwood, Northfield, 16.2 hp. Buick.
- 4670. E. M. Currier, Keene, 22.5 hp. Ford.
- 4671. Clarence B. Stebbins, Woodsville, 11.2 hp. Maxwell.
- 4672. Joseph H. Merrill, Bristol, 14.5 hp. Maxwell.
- 4673. Elmer D. Moulton, Greenland, 32.4 hp. Cadillac.
- 4674. William A. Hodgdon, Portsmouth, 25.6 hp. Cadillac.
- 4675. Charles E. Woods Co., Portsmouth, 10 hp. Cadillac.
- 4676. Harry Pelletier, Marlborough, 22.5 hp. Ford.
- 4677. Israel C. Richardson, Littleton, 60 hp. Pierce-Arrow.
- 4678. Eros H. Jordan, Twin Mountains, 12.8 hp. Maxwell.
- 4679. Melvin T. Stone, Troy, 25.6 hp. Overland.
- 4680. Maurice A. Stark, Goffstown, 19.6 hp. Hupmobile.
- 4681. Hiram O. Bolton, Winchester, 12 hp. Maxwell.
- 4682. Benjamin F. Adams, Hanover, 36.1 hp. Stoddard-Dayton.
- 4683. John E. Hadley, Hancock, 20 hp. Rambler.
- 4684. F. Ervin Powers, Tilton, 25.6 hp. Buick.
- 4685. Howard E. Osgood, Wolfeboro, 19.6 hp. Crest.
- 4686. Charles E. Goodrich, Center Harbor, 36.1 hp. Chalmers.
- 4687. Samuel W. Dart, Gilsum, 20 hp. Stanley.
- 4688. Archie Gagnon, Manchester, 19.6 hp. Ford.
- 4689. Frank S. Lovering, Moultonborough, 25.6 hp. Reo.
- 4690. William McGinnis, Portsmouth, 16.9 hp. Hupp.
- 4691. Athos W. Elliott, East Weare, 27.2 hp. Firestone-Columbus.
- 4692. William D. Newick, Newington, 19.6 hp. Overland.
- 4693. Curtis B. Cotton, Wolfeboro, 16.2 hp. Maxwell.
- 4694. Walter E. Emerson, Fitzwilliam, 20 hp. Stanley.
- 4695. Gideon J. Poire, Laconia, 20 hp. Maxwell.
- 4696. Emily M. Robinson, West Rindge, 38.4 hp. Pierce-Arrow.
- 4697. Earle F. Harriman, Errol, 20 hp. Flanders.
- 4698. Daniel F. Fisk, Contoocook, 43.8 hp. Stevens.
- 4699. Lowell I. Hanson, Tilton, 22.5 hp. Overland.
- 4700. Orr & Rolfe, Concord, 20 hp. Buick.
- 4701. Everett E. Heagan, Salem, 15.3 hp. Queen.
- 4702. William E. Carter, Rye Beach, 32.4 hp. Cadillac.
- 4703. George W. Fifield, Seabrook, 20.2 hp. Overland.
- 4704. Frank E. Edgerly, Farmington, 43.8 hp. Stevens.
- 4705. Rhett R. Scruggs, Woodsville, 28.9 hp. Maxwell.
- 4706. Weston W. Jones, Franklin, 20.2 hp. Ford.
- 4707. Guy A. Seavey, Conway, 28.9 hp. Maxwell.
- 4708. Harrison M. Duffill, Boston, Mass., 25.6 hp. Cadillac.
- 4709. Frank L. Kendall, Rochester, 43.8 hp. Stevens.
- 4710. Charles E. Young, Colebrook, 22.5 hp. Maxwell.
- 4711. Connecticut Valley Lumber Co., North Stratford, 32.4 hp. Buick.
- 4712. Edward B. Stearns, Manchester, 25.6 hp. Stoddard.



4713. A. O. Barker, Wilton, 25.6 hp. E. M. F.  
4714. G. A. Ridlon, Gorham, 25.6 hp. Maxwell.  
4715. G. W. Barbour, West Stewartstown, 25.6 hp. Buick.  
4716. F. E. Spear, Lisbon, 48.6 hp. Ford.  
4717. Everett C. Brown, Stratford, 22.5 hp. Ford.  
4718. Frank E. Carter, Nashua, 22.5 hp. Metz.  
4719. Carl A. Parker, Lempster, 22.5 hp. Ford.  
4720. Joseph L. Clough, Nashua, 10 hp. Stanley.  
4721. J. A. Grau, Monadnock, 16.9 hp. Buick.  
4722. Harold L. Seavey, Dover, 28.9 hp. Chalmers.  
4723. Sidney R. Smith, Canaan, 18 hp. Reo.  
4724. John L. Sticht, Portsmouth, 19.6 hp. Napier.  
4725. Francis E. Drake, Rye Beach, 36.1 hp. Garford.  
4726. Norman H. Bartlett, Manchester, 20 hp. Rambler.  
4727. Frank H. Whiting, Greenville, 22.5 hp. Ford.  
4728. George A. Davis, Manchester, 25.6 hp. Overland.  
4729.† Frank A. Stearns, Claremont, 27.2 hp. E. M. F.  
4730. F. Ray Foote, Orford, 25.6 hp. Reo.  
4731. L. Leon Collins, Nashua, 12.8 hp. Ford.  
4732. Fred W. Connor, Thornton, 18 hp. Reo.  
4733. Delia Pope, Nashua, 22.5 hp. Ford.  
4734. George Hosser, Manchester, 30 hp. Indiana.  
4735. Walter Pitman, Bartlett, 25.6 hp. E. M. F.  
4736. Harry Oldham, Berlin, 22.5 hp. Ford.  
4737. Mabel H. Walker, No. Sandwich, 22.5 hp. Flanders.  
4738. Earle Westgate, Deerfield, 22.5 hp. Ford.  
4739. Warren C. Bayley, Plaistow, 24.3 hp. Elmore.  
4740. Frank L. Blake, Stark, 22.5 hp. Ford.  
4741. Albert M. Trefethen, Exeter, 25.6 hp. Maxwell.  
4742. Robert M. Gordon, Goffstown, 27.2 hp. McIntyre.  
4743. Arthur J. Wellington, E. Rindge, 32.4 hp. Knox.  
4744. Fred A. Pennock, Franklin, 13.6 hp. Sears.  
4745. Clifford Howland, Bradford, 28.9 hp. Oakland.  
4746. Horace E. Chase, Concord, 20 hp. Flanders.  
4747. Joseph Perault, Rollinsford, 25.6 hp. Overland.  
4748. Thomas J. Morrison, Somersworth, 25.6 hp. Maxwell.  
4749. Henry J. Menut, Salem, 12 hp. White.  
4750. M. Josephine Britton, Keene, 22.5 hp. Ford.  
4751. Carroll R. Fellows, Brentwood, 25.6 hp. Overland.  
4752. C. A. Chandler, Gorham, 36.2 hp. Stevens.  
4753. David Spence, Nashua, 32.4 hp. Cadillac.  
4754. Robert B. Burns, Nashua, 16.2 hp. Buick.  
4755. Albert A. Tapscott, Somersworth, 10 hp. Stanley.  
4756. Arthur L. Senter, Derry, 16.2 hp. Buick.  
4757. John L. Andrews, Bradford, 32.8 hp. Grouit.  
4758. Charles E. Nutting, Manchester, 25.6 hp. Overland.  
4759. A. Morrill Smith, Concord, 40 hp. Buick.  
4760. Charles N. Hall, Concord, 22.5 hp. Ford.  
4761. Herbert S. Corey, Brookline, 25.6 hp. Overland.  
4762. Patrick Redden, Dover, 19.6 hp. Winton.  
4763. Charles H. Clark, Hampstead, 22.5 hp. Ford.  
4764. Rufus W. Weeks, Manchester, 25.6 hp. Reo.  
4765. George E. Gile, Lebanon, 25.6 hp. Maxwell.  
4766. Dexter Ladd, Contoocook, 25.6 hp. Reo.  
4767. Atwood R. Burnham, Milford, 38 hp. Ford.  
4768. E. B. Harrington, Laconia, 27.2 hp. Pope-Hartford.  
4769. Proctor E. Melvin, Concord, 8 hp. Stanley.  
4770. Henry J. Rock, Manchester, 17 hp. Whiting.  
4771. G. H. Greeley, Merrimack, 28.9 hp. Cadillac.  
4772. Charles L. Jackman, Concord, 34.2 hp. Welch.  
4773. Thorndike Putnam, Hampstead, 22.5 hp. Ford.  
4774. L. D. Fogg, Plymouth, 12.8 hp. Maxwell.  
4775. Robert B. Ring, Hampton, 12.8 hp. Speedwell.  
4776. Antoine V. Gagne, Manchester, 25.6 hp. Rambler.  
4777. A. G. Marshall, Colebrook, 32.4 hp. Oakland.  
4778. Walter C. Ellis, Keene, 28.9 hp. Maxwell.  
4779. Sumner A. Goding, Littleton, 13.6 hp. Sears.  
4780. Thomas Smith, Exeter, 25.6 hp. Buick.  
4781. Ernest L. Roberts, Rochester, 10 hp. Stanley.  
4782. Arabelle R. Kenrick, Franklin, 43.8 hp. Stevens.

4783. Ezra T. Corson, Rochester, 6 hp. Stanley.  
4784. Arthur J. St. Hilaire, Newmarket, 22.5 hp. Ford.  
4785. David A. Whittle, Hillsborough, 16 hp. Maxwell.  
4786. John E. Hussey, Somersworth, 16.2 hp. Maxwell.  
4787. W. S. Streater, Woodsville, 9 hp. Reo.  
4788. W. Henry Hanson, North Conway, 60 hp. Peerless.  
4789. John P. Armstrong, Portsmouth, 22.5 hp. Ford.  
4790. Harold C. Marston, Lisbon, 22.5 hp. Ford.  
4791. William Bickford, Tamworth, 10 hp. Brush.  
4792. Abbott E. Jones, West Nottingham, 16.2 hp. Buick.  
4793. E. J. H. Trask, Warner, 32.4 hp. Buick.  
4794. P. E. Richardson, Antrim, 14.5 hp. Pope-Tribune.  
4795. Edward P. Norris, Portsmouth, 22.5 hp. Overland.  
4796. W. F. Stiles, Dover, 22.5 hp. Ford.  
4797. Guy E. Chesley, Rochester, 22.5 hp. Ford.  
4798. Raymond E. Merrill, Conway, 28.9 hp. Buick.  
4799. Ernest J. Philpot, Mountainview, 10 hp. Cadillac.  
4800. Eugene E. Clark, Lisbon, 32.4 hp. Overland.  
4801. David Monteith, Manchester, 24 hp. Stevens.  
4802. H. Powers Robbins, Milton Mills, 22.5 hp. Buick.  
4803. George B. Munsey, Lakeport, 28.9 hp. Maxwell.  
4804. Vera M. Knox, Pembroke, 28.9 hp. Maxwell.  
4805. Florence E. Dean, Lebanon, 25.6 hp. Franklin.  
4806. George F. Peavey, Greenfield, 38 hp. Buick.  
4807. Gilbert R. Newton, Henniker, 24 hp. Stevens.  
4808. Hiram H. Barker, Farmington, 20 hp. Stanley.  
4809. Herbert S. Thurston, Errol, 36.1 hp. Stevens.  
4810. William L. Johnson, Hancock, 10 hp. Stanley.  
4811. William N. Wyman, Exeter, 10 hp. Pope-Hartford.  
4812. Louis H. Hueber, Franklin, 18 hp. Buick.  
4813. Charles A. Boswell, Newton, 20 hp. Buick.  
4814. Fred A. Wheeler, Nashua, 9 hp. Reo.  
4815. E. R. Barry Co., Manchester, 20.2 hp. Flanders.  
4816. Jennie S. Ayer, Stratham, 25.6 hp. Reo.  
4817. Ida M. Dodge, Dover, 22.5 hp. Ford.  
4818. William C. Marshall, Laconia, 3 hp. Detroit.  
4819. Edward Blake, Northumberland, 28.9 hp. Overland.  
4820. W. W. Barrett, Contoocook, 10 hp. Stanley.  
4821. Alexander B. Wark, Londonderry, 10 hp. Stanley.  
4822. Board of Public Works, Manchester, 32.4 hp. Peerless.  
4823. Eugene J. Provencher, Derry, 22.5 hp. Stevens.  
4824. Josephine F. Wilson, Center Harbor, 25.6 hp. Marion.  
4825. Albert B. Johnson, Jr., East Weare, 22.5 hp. Ford.  
4826. Charles D. Colman, Rochester, 22.5 hp. Ford.  
4827. William Marcotte, Manchester, 38 hp. Peerless.  
4828. William W. Finley, Dover, 20 hp. Stanley.  
4829. Charles C. Beedle, Keene, 27.5 hp. Regal.  
4830. Charles H. Johnson, Exeter, 22.5 hp. Ford.  
4831. John D. Carty, Portsmouth, 28.9 hp. Marion.  
4832. Arthur C. Kimball, Manchester, 28.9 hp. Stearns.  
4833. Edmond H. Griffin, Manchester, 25.6 hp. Reo.  
4834. Emery M. Fitch, Claremont, 25.6 hp. Everitt.  
4835. Manchester Tea Co., Manchester, 2½ hp. General.  
4836. G. C. Fraser, North Hampton, 40 hp. Packard.  
4837. F. E. Davis and F. O. M. Tibbetts, Alton, 32.4 hp. Rambler.  
4838. Isaac Glynn, Lancaster, 25.6 hp. Buick.  
4839. Florence E. Lufkin, Nashua, 25.6 hp. Reo.  
4840. Samuel J. Davis, Redstone, 10 hp. Stanley.  
4841. Charles F. Hammond, Dover, 22.5 hp. Ford.  
4842. W. H. Goodnow, East Jaffrey, 22.5 hp. Maxwell.  
4843. S. P. Condos, Newport, 16.2 hp. Buick.  
4844. Ernest C. Smith, Concord, 20 hp. Stanley.  
4845. Edward S. Healey, Raymond, 20 hp. Buick.  
4846. Jesse N. Carpenter, Newmarket, 20 hp. Flanders.  
4847. Henry J. Ruch, Rollinsford, 22.5 hp. Buick.  
4848. George W. Lawler, Ossipee Valley, 25.6 hp. Hudson.  
4849. John W. Miller, Hillsborough, 20 hp. International.  
4850. S. G. Whitmore, Newport, 32.4 hp. Rambler.  
4851. Alexander Gandron, Nashua, 7 hp. Stanley.  
4852. William McG. Fife and William P. Hayes, Kittery, Me., 27 hp. Morgan.

4853. Walter N. Whitney, Henniker, 22.5 hp. Maxwell.
4854. Walter H. Abbott, Warner, 32.4 hp. Cadillac.
4855. Alvah M. Wood, Hancock, 22.5 hp. Ford.
4856. George L. Emerson, Chatham, 22.5 hp. Ford.
4857. John H. Libby, Wolfeboro, 22.5 hp. Hupmobile.
4858. Fred J. and Earle O. Sanborn, New Hampton, 15 hp. Rambler.
4859. Elmer F. Thayer, Farmington, 48.6 hp. Winton.
4860. Ralph W. Cobb, Dover, 28.9 hp. Cadillac.
4861. Shepard Grocery Co., Franklin, 22.5 hp. Ford.
4862. Ralph S. Marsh, Conway, 6.4 hp. Brush.
4863. Ernest R. Woodbury, Salem, 45 hp. Apperson.
4864. Arthur A. Bennett, Freedom, 25.6 hp. Chalmers.
4865. Harry A. Brown, Hanover, 25.6 hp. Cadillac.
4866. Albert C. Cochran, Andover, 25.6 hp. Overland.
4867. Edward M. Perkins, Franklin, 28.9 hp. Maxwell.
4868. Phillip N. Foisie, Nashua, 22.5 hp. Mitchell.
4869. Fred N. Day, Stratford, 28.9 hp. Buick.
4870. Charles H. Gay, Concord, 43.8 hp. Stevens.
4871. Herbert D. Stevens, Littleton, 28.9 hp. Cadillac.
4872. Charles E. Bartlett, Concord, 25.6 hp. E. M. F.
4873. Harry B. Young, Chester, 27.2 hp. Rambler.
4874. Richard F. Chandler, Chatham, 22.5 hp. Ford.
4875. Joseph A. Mooney, Alton, 28.9 hp. Overland.
4876. Walter F. Noyes, Colebrook, 25.6 hp. Buick.
4877. Malvern L. Naas, Lisbon, 25.6 hp. E. M. F.
4878. Spurgeon Lockhart, Milan, 16.2 hp. Buick.
4879. Edward H. Fletcher, Manchester, 28.9 hp. Cadillac.
4880. John B. Lodge, Bedford, 25.6 hp. Overland.
4881. William David, Keene, 22.5 hp. Ford.
4882. Merritt H. Shaw, Hinsdale, 10 hp. Stanley.
4883. Griswold S. Hayward, Cornish, 36 hp. Stevens.
4884. Ernest L. Davis, East Derry, 25.6 hp. Chalmers.
4885. Myron Abbott, Conway, 25.6 hp. Overland.
4886. Philip Lemay, Manchester, 25.6 hp. Hudson.
4887. J. Leavitt Cain, Newport, 25.6 hp. Reo.
4888. Charles J. Coburn, Nashua, 25.6 hp. Overland.
4889. John H. Dickinson, Ashuelot, 28.9 hp. Stoddard-Dayton.
4890. Frank L. Smith, Penacook, 22 hp. Elmore.
4891. E. Lindon Mellus, Dublin, 16.9 hp. Franklin.
4892. Edward L. Keniston, Harrisville, 16.2 hp. Buick.
4893. Charles H. Greenleaf, Franconia, 43.8 hp. Thomas.
4894. Charles S. Vose, Franconia, 16.9 hp. Hupmobile.
4895. Percy Kelley, Center Harbor, 14.7 hp. Elmore.
4896. William C. Goss, Henniker, 16.2 hp. Buick.
4897. Charles A. Kimball, Salem, 33.7 hp. Mitchell.
4898. Isaac W. Hopkinson, Lancaster, 32.4 hp. Buick.
4899. Thomas W. Stephens, Littleton, 22.5 hp. Ford.
4900. William D. Gibbs, Durham, 32.4 hp. Buick.
4901. William P. Crosby, Portsmouth, 22.5 hp. Ford.
4902. C. Howard Edmonds, Claremont, 25.6 hp. Overland.
4903. William H. Cummings, Laconia, 24 hp. Buick.
4904. Burton J. Reed, Rumney Depot, 22.5 hp. Ford.
4905. Edwin L. Child, Pembroke, 25.6 hp. Overland.
4906. Charles Powers, Berlin, 20.2 hp. Cameron.
- 4907.† Joseph P. Hobbs, Ossipee Valley, 6.4 hp. Cadillac.
4908. Charles L. Stratton, Jaffrey, 15 hp. Stanley.
4909. Earl B. Elkins, Littleton, 22.5 hp. Ford.
4910. Cora P. Smith, No. Conway, 19.6 hp. Hudson.
4911. William J. Hoyt, Manchester, 28.9 hp. Stearns.
4912. Emer B. Osgood, Canterbury, 25.6 hp. Buick.
4913. James O. Gerry, Madison, 25.6 hp. E. M. F.
4914. Joseph H. Watkins, Nashua, 22.5 hp. Ford.
4915. Mima A. Saltmarsh, Laconia, 22.5 hp. Ford.
4916. William F. Taylor, Exeter, 22.5 hp. Ford.
4917. Katherine S. Henry, Lincoln, 20 hp. Babcock.
4918. George U. Bresnahan, Wolfeboro, 22.5 hp. Ford.
4919. Harry Halladay, Manchester, 22.5 hp. Ford.
4920. Frederick E. Green, Littleton, 32.4 hp. Cadillac.
4921. Asa C. Dort, Troy, 12.8 hp. Holsman.
4922. Leon A. Peabody, Lebanon, 16.2 hp. Buick.

4923. Augustus L. Sanborn, Chichester, 30 hp. Stanley.
4924. Edmond L. Merrow, Bethlehem, 70 hp. Thomas.
4925. Mrs. Herbert E. Page, Plymouth, 16.2 hp. Haynes-Apperson.
4926. Ira E. Fifield, Laconia, 7½ hp. Stanley.
4927. Henry A. Holman, Hinsdale, 22.5 hp. Maxwell.
4928. Wilcom H. Benfield, Portsmouth, 16.2 hp. Buick.
4929. John F. Aulis, Hanover, 25.6 hp. Reo.
4930. Edmond L. Merrow, Bethlehem, 70 hp. Thomas.
4931. Edmond L. Merrow, Bethlehem, 40 hp. Thomas.
4932. George F. Priest, Manchester, 16.2 hp. Buick.
4933. William H. Ryder, Keene, 16.9 hp. Whiting.
4934. Edmond L. Merrow, Bethlehem, 40 hp. Thomas.
4935. Percy Deming, No. Haverhill, 28.9 hp. Overland.
4936. Edmond L. Merrow, Bethlehem, 50 hp. Thomas.
4937. Edmond L. Merrow, Bethlehem, 40 hp. Stoddard-Dayton.
4938. Samuel E. Winn, Chesterfield, 22.5 hp. Mitchell.
4939. Charles S. Rowell, Hopkinton, 25.6 hp. Reo.
4940. Edward R. Lawson, Somersworth, 22.5 hp. Ford.
4941. E. Monroe Dodge, Hinsdale, 22.5 hp. Ford.
4942. William A. Shepard, Canaan, 28.9 hp. Buick.
4943. William B. Thompson, No. Conway, 10 hp. Stanley.
4944. H. Clifton Rice, East Rindge, 40 hp. Marquette.
4945. John F. Cole, Rochester, 22.5 hp. Metz.
4946. Wilmer N. Mason, Tamworth, 22.5 hp. Ford.
4947. Charles H. Holmes, Portsmouth, 32.4 hp. Buick.
4948. Henry Demers, Dover, 22.5 hp. Metz.
4949. George M. Foster, Manchester, 25.6 hp. E. M. F.
4950. George F. Hale, Hollis, 25.6 hp. Middleby.
4951. Richard Maguire, Nashua, 18 hp. Reo.
4952. James E. Canney, Ossipee, 16.2 hp. Maxwell.
4953. A. George Amsden, Enfield, 32.4 hp. Oakland.
4954. Fred A. Cole, Canaan, 10 hp. Cadillac.
4955. Fred A. Moses, Peterborough, 15 hp. White.
4956. Charles S. Chandler, Landaff, 28.9 hp. Buick.
4957. Charles E. Jenness, Dover, 20 hp. International.
4958. Joseph A. Flanders, Concord, 10 hp. Stanley.
4959. S. Abbott Collins, Milan, 22.5 hp. Ford.
4960. Herbert Vickery, Hollis, 20 hp. Maxwell.
4961. Charles S. Carlin, Keene, 10 hp. Stanley.
4962. Charles L. Parsons, Durham, 25.6 hp. Elmore.
4963. Sidney G. Sintor, Rumney, 6 hp. Stanley.
4964. Thomas M. Dillingham, Roxbury, 36.1 hp. Stoddard-Dayton.
4965. Roy B. Gookin, Salisbury, 28.9 hp. Overland.
4966. Almon F. Weeks, Sanbornville, 16.9 hp. Hupmobile.
4967. Ralph M. Farnham, Dover, 18 hp. Reo.
4968. Harry Gray, Penacook, 20 hp. Ford.
4969. A. J. Weeks, Kearsarge, 6 hp. Stanley.
4970. Charles E. Gardner, Enfield, 38 hp. Peerless.
4971. W. C. Bowles, Whitefield, 20 hp. Stanley.
4972. W. Fred Wormwood, Woodsville, 28.9 hp. Maxwell.
4973. James M. Bent, Nashua, 25.6 hp. Overland.
4974. Wilbur A. Chase, Concord, 16.9 hp. Franklin.
4975. George W. Southwick, Manchester, 28.9 hp. Maxwell.
4976. Eugene W. Leach, Concord, 36.1 hp. Pope-Hartford.
4977. Harry W. Noyes, Lisbon, 20 hp. Maxwell.
4978. Charles S. Seavey, Rochester, 27.2 hp. Oakland.
4979. George B. Tebbetts, Ossipee, 12.8 hp. Maxwell.
4980. Fred A. Towle, Peterborough, 12.8 hp. Maxwell.
4981. Joseph G. Leclerc, Hillsborough, 25.6 hp. Buick.
4982. William A. Pressev, Hampton Falls, 22.5 hp. Overland.
4983. William Homes, Chocorua, 22.5 hp. Maxwell.
4984. F. Joe Pease, Holderness, 34.2 hp. Welch.
4985. Mrs. E. R. Knowlton, New Boston, 25.6 hp. Stoddard-Dayton.
4986. Willie L. Guillow, Monsonville, 10 hp. Stanley.
4987. Robert K. Dow, Claremont, 32.4 hp. Cadillac.
4988. Charles A. Tracy, Meriden, 24 hp. Cadillac.
4989. Guv S. Wiggins, Concord, 22.5 hp. Ford.
4990. Olin J. Lear, Newport, 8 hp. Grout.
4991. Arthur Pollard, Bristol, 18 hp. Reo.
4992. J. M. Stewart & Sons Co., Concord, 35 hp. Grabowsky.

4993. William J. Kingsbury, Derry, 25.6 hp. Reo.  
4994. George H. Peirce, Grafton, 16.9 hp. Hupmobile.  
4995. John C. Tilton and Henry C. Brown, Concord, 16.9 hp. Franklin.  
4996. Edward S. Whittemore, Nashua, 22.5 hp. Maxwell.  
4997. E. W. Langmaid, Pembroke, 22.5 hp. Fuller.  
4998. Millard E. Foss, Somersworth, 22.5 hp. Ford.  
4999. Henry W. Cushing, Greenville, 6 hp. Stanley.  
5000. James C. Spencer, Keene, 22.5 hp. Ford.  
5001. William A. Head, Gorham, 22.5 hp. Ford.  
5002. Duane F. Holt, Nashua, 22.5 hp. Maxwell.  
5003. Hiram G. Kilkenny, Concord, 22.5 hp. Ford.  
5004. Willie H. Bean, Henniker, 22.5 hp. Maxwell.  
5005. W. A. Shawney, Littleton, 10 hp. Olds.  
5006. Frank H. Philbrick, Portsmouth, 16.2 hp. Maxwell.  
5007. Henry D. Allison, Dublin, 20 hp. International.  
5008. George W. Berry, Wolfeboro Falls, 25.6 hp. Marion.  
5009. Charles H. Smith, Laconia, 22.5 hp. Ford.  
5010. George E. Forbes, Keene, 25.6 hp. Chalmers.  
5011. William H. Whittaker, Glen, 9.8 hp. Maxwell.  
5012. Edward H. Clark, Manchester, 10 hp. Stanley.  
5013. Edgar E. Hinds, Concord, 20 hp. Ford.  
5014. George W. Bence, Warner, 22.5 hp. Metz.  
5015. Lloyd J. Allen, Northfield, 14.4 hp. Franklin.  
5016. Lyman H. Jenkins, Barnstead, 22.5 hp. Ford.  
5017. Mabel E. Thompson, Nashua, 32.4 hp. Sampson.  
5018. Frank J. Welch, Raymond, 28.9 hp. Cadillac.  
5019. Tharon I. Farmer, Newport, 40 hp. Oakland.  
5020. Harry E. Crawford, Littleton, 20 hp. Rambler.  
5021. Amos G. Dickinson, Bristol, 22.5 hp. Overland.  
5022. Austin D. Harris, Littleton, 20.2 hp. Studebaker.  
5023. George A. Beland, Berlin, 22.5 hp. Ford.  
5024. Markar G. Markarian, Nashua, 14.5 hp. Rambler.  
5025. Henry Jacques, Somersworth, 27.4 hp. Overland.  
5026. Solon D. Morrill, Hill, 32.4 hp. Oakland.  
5027. James B. Martin, Fremont, 14.5 hp. Maxwell.  
5028. F. C. Curtis, Manchester, 20 hp. Buick.  
5029. William F. Jacobs, Rochester, 22.5 hp. Overland.  
5030. Ella F. Tetley, Laconia, 22.5 hp. Ford.  
5031. George A. Jamrin, Hampton Falls, 25.6 hp. Reo.  
5032. Joseph G. Carleton, Mont Vernon, 25.6 hp. Reo.  
5033. Clara VanHorn, Holderness, 40 hp. Packard.  
5034. Almon D. Hill, East Wakefield, 22.5 hp. Ford.  
5035. Frank C. Britton, Claremont, 22.5 hp. Ford.  
5036. Albert J. Chamberlin, Wolfeboro, 18 hp. Reo.  
5037. Ethel M. Conner, Exeter, 28.9 hp. Mitchell.  
5038. Edwin D. Rand, Newcastle, 25.6 hp. Stevens.  
5039. J. Fletcher Stott, Conway, 22.5 hp. Ford.  
5040. Hill Hardware and Paint Co., Nashua, 25 hp. Modern.  
5041. George E. Townsend, Salem, 25.6 hp. Stoddard-Dayton.  
5042. Albert D. Jones, Rochester, 32.4 hp. Cadillac.  
5043. Everett E. Salisbury, Mossup, Conn., 28 hp. Overland.  
5044. Lester R. Brown, Laconia, 25.6 hp. Columbia.  
5045. Fred E. Trickey, Northwood, 43.8 hp. Thomas.  
5046. Frank J. Smith, Farmington, 36.1 hp. Oldsmobile.  
5047. John E. Johnson, Manchester, 20.2 hp. Flanders.  
5048. Louis E. Towne, East Jaffrey, 6.4 hp. Pierce-Arrow.  
5049. Alexander Russell, Woodstock, 16.2 hp. Buick.  
5050. Henry A. Perkins, Lakeport, 22.5 hp. Ford.  
5051. DeWitt C. Howe, Concord, 32.4 hp. Rambler.  
5052. Charles W. Gray, Jackson, 53 hp. Thomas.  
5053. Albert D. Jones, Rochester, 32.4 hp. Cadillac.  
5054. Roy Sylvester, Merrimack, 10 hp. Stanley.  
5055. Harry C. Lindol, Tuftonboro, 38 hp. Peerless.  
5056. John C. Huckins, Ashland, 22.5 hp. Ford.  
5057. Leslie E. Turner, Wentworth Location, 20.2 hp. Ford.  
5058. Henry D. Tudor, Hancock, 22.5 hp. Buick.  
5059. Herman E. Thompson, Manchester, 25.6 hp. Hudson.  
5060. William E. Carr, Franklin, 22.5 hp. Buick.  
5061. John E. Hutchinson, Laconia, 24.3 hp. Thomas.  
5062. Clyde E. Richardson, Gorham, 19.6 hp. Autocar.



5063. Walter S. Tappan, Sandwich, 28.9 hp. Maxwell.
5064. Charles F. Jolbert, Berlin, 22.5 hp. Metz.
5065. Sarah M. Sides, Portsmouth, 25.6 hp. Reo.
5066. Guy B. Trask, Colebrook, 32.4 hp. Cadillac.
5067. Charles E. Gilman, Tilton, 22.5 hp. Overland.
5068. Vivian C. Shaw, Lakeport, 20 hp. Stanley.
5069. Robert G. Rowe, Portsmouth, 22.5 hp. Mitchell.
5070. Charles A. Smith, Charlestown, 16.9 hp. Hupp.
5071. Harlan R. Whitney, Northwood, 28.9 hp. Overland.
5072. Florence M. Coleman, Henniker, 21 hp. Schacht.
5073. John R. Dane, Concord, 10 hp. Stanley.
5074. Frank L. Gerrish, Boscawen, 32.4 hp. Cadillac.
5075. Eugene Couture, Manchester, 32.4 hp. Cadillac.
5076. J. Howard Philbrick, New London, 36.1 hp. Thomas.
5077. Fred B. Gay, New London, 28.9 hp. Maxwell.
5078. B. P. Judkins, Freedom, 10 hp. Cadillac.
5079. Augustus Young, Exeter, 20 hp. International.
5080. Arthur B. Duncan, Portsmouth, 25.6 hp. Reo.
5081. Blood & West, Lyme, 22.5 hp. Ford.
5082. William H. Colbath, Conway, 15 hp. White.
5083. Clarence C. Morgan, Newton, 22.5 hp. Ford.
5084. Charles Haley, Exeter, 22.5 hp. Ford.
5085. Fred C. Thompson, Antrim, 10 hp. Stanley.
5086. Curtis A. Chamberlain, Concord, 10 hp. Stanley.
5087. Charles A. Howard, Brookline, 20 hp. Stanley.
5088. Motor Tour Co., No. Conway, 40 hp. Packard.
5089. Motor Tour Co., No. Conway, 40 hp. Packard.
5090. Martin S. Brock, Strafford, 22.5 hp. Buick.
5091. Willis B. Hopkins, Wilton, 22.5 hp. Ford.
5092. Edward F. Cushion, Claremont, 25.6 hp. Pope-Hartford.
5093. Melburn E. Knight, Alstead, 22.5 hp. Ford.
5094. George A. Quimby, Franconia, 28.9 hp. Buick.
5095. Samuel J. Clay, New Hampton, 22.5 hp. Ford.
5096. Herbert B. Wilbur, Fremont, 16.9 hp. Ford.
5097. Knuball M. McLaughlin, Salem, 32.4 hp. Buick.
5098. Carlos B. Moseley, Concord, 48.6 hp. Locomobile.
5099. Fred C. Brockway, Warner, 28.9 hp. Cadillac.
5100. Harriet A. Paul, Newfields, 43.8 hp. Stevens.
5101. Maurice W. Holton, Manchester, 40 hp. Packard.
5102. Charles H. Merrill, Stoddard, 43.8 hp. Franklin.
5103. Nelson B. Stetson, Alstead, 25.6 hp. Maxwell.
5104. Holmes & Wheeler, Derry, 16.2 hp. Buick.
5105. Albert C. Brock, Northwood, 22.5 hp. Ford.
5106. Josiah G. Thompson, Newport, 6 hp. Stanley.
5107. George T. Tureotte, Franklin, 28.9 hp. Reo.
5108. Willis L. Reynolds, Milton Mills, 22.5 hp. Ford.
5109. Florence H. Howard, Rochester, 28.9 hp. Overland.
5110. Manson L. Fowler, Keene, 24 hp. Overland.
5111. Dana A. Watso, Manchester, 12.8 hp. Maxwell.
5112. Edward H. Parker, Greenland, 12.8 hp. Maxwell.
5113. Daniel O. Leary, Portsmouth, 10 hp. Reo.
5114. Harry C. Sanborn, Sunapee, 22 hp. Buick.
5115. John M. Goodwin, Woodsville, 28.9 hp. Ford.
5116. George D. Pushee, Peterborough, 32.4 hp. Cole.
5117. Julius Gardner, Barnstead, 22.5 hp. Ford.
5118. Fred A. Sylvester, Rochester, 20 hp. Rapid.
5119. Gilman Twitchell, Berlin, 22.5 hp. Metz.
5120. Nathan O. Weeks, Wakefield, 28.9 hp. Overland.
5121. Archille B. Gosselin & Co., Somersworth, 10 hp. Cadillac.
5122. Eugene N. Blood, New Ipswich, 20 hp. Queen.
5123. A. T. Everett, Gilmanton, 22.5 hp. Buick.
5124. F. J. Merrifield, Troy, 22.5 hp. Ford.
5125. Stephen G. Allen, North Hampton, 25.6 hp. Nurdyke & Marmon.
5126. George L. Hammond, Wakefield, 9 hp. Reo.
5127. Edwin N. Bowen, Fitzwilliam, 22.5 hp. Ford.
5128. Allen F. Hill, Littleton, 25.6 hp. Oakland.
5129. Edward J. Bouchard, Claremont, 32.4 hp. Rambler.
5130. Albertis W. Wilder, Munsonville, 22.5 hp. Ford.
5131. Herbert O. Hadley, Peterborough, 22.5 hp. Ford.



5132. Nellie G. Sturtevant, Colebrook, 28.9 hp. Buick.  
5133. Austin Gray, Colebrook, 22.5 hp. Ford.  
5134. John G. Hurlburt, Colebrook, 22.5 hp. Ford.  
5135. Edgar J. Ham, Rochester, 32.4 hp. Abbot.  
5136. John E. Devlin, Wilton, 36 hp. Stevens.  
5137. Charles A. Lamson, Elkins, 25.6 hp. Reo.  
5138. M. H. Sawyer, North Woodstock, 25.6 hp. Mitchell.  
5139. George E. Nickerson, Tamworth, 19.6 hp. Ford.  
5140. Mikie Cleary, Dummer, 20.2 hp. Flanders.  
5141. Ralph E. Hall, Manchester, 32.4 hp. Pope-Toledo.  
5142. Edmund G. Anderson, Londonderry, 18 hp. Reo.  
5143. L. M. Folsom, Manchester, 25.6 hp. Overland.  
5144. George F. Stickney, Nashua, 25.6 hp. Overland.  
5145. Thomas Newick, Newington, 10 hp. Cadillac.  
5146. Joseph Deome, Jr., Winchester, 16.2 hp. Buick.  
5147. Charles N. Tuttle, Moultonborough, 32.4 hp. Columbia.  
5148. Camille S. Bourgeois, Greenville, 28.9 hp. Maxwell.  
5149. Charles LeRoy Davenport, Walpole, 7½ hp. Locomobile.  
5150. Henry A. St. Laurent, Berlin, 32.2 hp. Buick.  
5151. Horace C. Stanley, New London, 10 hp. Stanley.  
5152. William B. Evans, East Jaffrey, 22.5 hp. Buick.  
5153. John Betley, Manchester, 36.1 hp. Knox.  
5154. Voscoe H. Plummer, Amherst, 12.8 hp. Buick.  
5155. Michael Jasinski, Manchester, 25.6 hp. Rambler.  
5156. Albert L. Worthen, Manchester, 12 hp. Stanley.  
5157. Melvin A. Nott, Claremont, 22.5 hp. Ford.  
5158. Ralph C. Dickey, Portsmouth, 40 hp. Oldsmobile.  
5159. Ralph C. Dickey, Portsmouth, 30 hp. Cadillac.  
5160. Theodore Gilman, Wakefield, 38.4 hp. Stevens.  
5161. Harry L. Cummings, Colebrook, 8.5 hp. Metz.  
5162. Charles B. Hill, Lebanon, 10 hp. Oldsmobile.  
5163. H. Ingram Stephenson, Berlin Mills, 20.2 hp. Overland.  
5164. William H. Carpenter, Derry, 15. hp. Chase.  
5165. George E. Brousseau, Manchester, 12.8 hp. Peerless.  
5166. Charles E. Nason, Rochester, 10 hp. Stanley.  
5167. Annie J. Hollings, Manchester, 32.4 hp. Cadillac.  
5168. Alonzo Kimball, Union, 60 hp. Pierce-Arrow.  
5169. Helen S. Walker, Portsmouth, 25.6 hp. Jackson.  
5170. Maretta Perkins, Madbury, 48.4 hp. American.  
5171. Fred A. Avery, Ashland, 28.9 hp. Maxwell.  
5172. John N. Emerson, Nashua, 25.6 hp. Overland.  
5173. Samuel E. Smith, East Sullivan, 14.5 hp. Maxwell.  
5174. George P. Dustan, Peterborough, 12 hp. Stanley.  
5175. Herbert M. Smith, Lisbon, 32.4 hp. Packard.  
5176. Herbert W. Carlisle, Lebanon, 22.5 hp. Flanders.  
5177. F. L. Town, Lancaster, 32.4 hp. Buick.  
5178. George A. Stearns, Manchester, 10 hp. Stanley.  
5179. Albert Grant, Concord, 14.4 hp. Hupmobile.  
5180. Clarence A. Perkins, Tamworth, 6.4 hp. Cadillac.  
5181. Verne H. Connor, Ossipee, 9 hp. Reo.  
5182. Kidder Garage Co., New London, 32.4 hp. Buick.  
5183. Thomas J. McIntyre, Laconia, 25.6 hp. Hudson.  
5184. Karl D. Perkins, Jefferson, 28.9 hp. Mitchell.  
5185. Harry F. Benitez, Sanbornton, 7 hp. Oldsmobile.  
5186. Avery M. Foster, Candia, 22.5 hp. Ford.  
5187. Herbert L. Putnam, Bennington, 22.5 hp. Maxwell.  
5188. Persons W. Wing, Canaan, 32.4 hp. Marmon.  
5189. George H. W. Blaisdell, Henniker, 18 hp. Reo.  
5190. Julius B. Hale, Franklin, 25.6 hp. Elmore.  
5191. John Ridge, Nashua, 48.6 hp. Mathewson.  
5192. J. A. Guay, Manchester, 12 hp. Sears.  
5193. Willie D. Brockway, Washington, 32.4 hp. Cadillac.  
5194. Eugene H. Rice, West Rindge, 20.2 hp. Studebaker.  
5195. Newton L. Yeaton, Conway, 6 hp. Stanley.  
5196. Frank H. Brown, Keene, 28.9 hp. Chalmers.  
5197. George W. H. Gilman, Hampton, 19.6 hp. Overland.  
5198. Walter Pitman, Intervale, 18. hp. White.  
5199. Fortuna Robert, Manchester, 22.5 hp. Regal.  
5200. Frank L. Rand, Pittsfield, 32.4 hp. Buick.  
5201. Clarence L. Shaw, Franklin, 25.6 hp. Elmore.

5202. Will A. Bishop, Lancaster, 12 hp. Reo.
5203. Alexander F. Peirce, Winchester, 22.5 hp. Overland.
5204. Seth D. Chandler, Nashua, 3 hp. Waverly.
5205. Benjamin H. Caverly, Manchester, 12.6 hp. Maxwell.
5206. Harold C. Clark, East Jaffrey, 14.4 hp. Ford.
5207. Arthur LeClare, Groveton, 16.9 hp. Ford.
5208. Waldo B. Newell, Greenville, 24 hp. Dayton.
5209. J. Willis Eaton, Bradford, 22.5 hp. Flanders.
5210. George W. Morrill, Lancaster, 25.6 hp. Overland.
5211. Charlie M. Brown, Holderness, 10 hp. Crestmobile.
5212. Anaclet Brisson, Salmon Falls, 28.9 hp. Elmore.
5213. James F. Emery, Marlborough, 25.6 hp. Reo.
5214. Carl K. Springfield, Rochester, 43.8 hp. Mitchell.
5215. James N. Kelley, Northwood, 8.1 hp. Oldsmobile.
5216. Abbie L. Moody, Enfield, 28.9 hp. Pope-Hartford.
5217. William H. Maxwell, Manchester, 28.9 hp. Stearns.
5218. George P. Crafts, Manchester, 48.6 hp. Packard.
5219. Raymond Lafay, Rochester, 22.5 hp. Metz.
5220. Hadley B. Worthen, Bristol, 10 hp. Stanley.
5221. Seth G. Patten, Alexandria, 22.5 hp. Ford.
5222. George W. Merrill, Francestown, 12.8 hp. Maxwell.
5223. Harry U. Colburn, W. Rumney, 22.5 hp. Ford.
5224. Warren Brown, Hampton Falls, 25.6 hp. Reo.
5225. George W. Carr, Orford, 28 hp. Maxwell.
5226. Woodbury Langdon, Portsmouth, 20 hp. Lambert.
5227. Charles W. Lundstedt, Manchester, 25.6 hp. Bergdoll.
5228. Herman H. Jones, Rindge, 16.9 hp. Buick.
5229. Everett L. Chapman, Dover, 19.6 hp. Overland.
5230. William S. Simonds, Gilford, 32.4 hp. Rambler.
5231. William A. Hanscom, Rochester, 20 hp. White.
5232. George A. Thayer, North Dorchester, 32.4 hp. Cadillac.
5233. Stanley H. Abbot, Wilton, 20 hp. Maxwell.
5234. Charles G. Pillsbury, Londonderry, 28.9 hp. Stevens.
5235. Walter E. Walker, Plainfield, 22.5 hp. Ford.
5236. Charles N. Vilas, Alstead, 48.6 hp. Locomobile.
5237. George E. Littlefield, Laconia, 18 hp. Reo.
5238. Herbert B. Crane, Surry, 19.6 hp. Overland.
5239. Frank P. Morrison, Durham, 32 hp. Overland.
5240. George R. Jaquith, New Ipswich, 25.6 hp. Reo.
5241. Moses W. Brown, Hampton, 40 hp. Aerocar.
5242. Edward M. Church, Winchester, 12.8 hp. Maxwell.
5243. American Car Sprinkler Co., Marlow, 40 hp. Knox-Martin.
5244. William G. Robb, Manchester, 28.9 hp. Buick.
5245. Carroll F. Clark, Hancock, 32.4 hp. Oldsmobile.
5246. Charles H. Baroody & Co., Manchester, 36.1 hp. Oakland.
5247. Charles A. Moulton, Lakeport, 22.5 hp. Ford.
5248. Fred P. Harmon, East Rochester, 22.5 hp. Overland.
5249. New England Telephone and Telegraph Co., Greenfield, Mass., 36.1 hp. Stoddard-Dayton.
5250. J. Carmi Keazer, Colebrook, 20.2 hp. Empire.
5251. Alfred G. Matless, Nashua, 32.4 hp. Premier.
5252. Eudor J. Sylvan, Rochester, 32.4 hp. Pullman.
5253. Board of Public Works, Manchester, 28.9 hp. Federal.
5254. C. F. & G. A. Capron, East Westmoreland, 22.5 hp. Ford.
5255. Irving G. Rugg, Fitzwilliam, 20 hp. Maxwell.
5256. Charles F. Harris, Littleton, 16 hp. Lambert.
5257. Brady Bros., Salem, 32.4 hp. Cadillac.
5258. John H. Hinds, Concord, 22.5 hp. Ford.
5259. Edward S. Perkins, Sunapee, 22.5 hp. Maxwell.
5260. Frank S. Lovering, Moultonborough, 16.2 hp. Maxwell.
5261. Charles B. Mills, Concord, 6 hp. Stanley.
5262. Fred J. Shampney, Salisbury, 6 hp. Stanley.
5263. Albert C. Cochran, Andover, 22.5 hp. Ford.
5264. Almer R. Bragg, Moultonborough, 22 hp. Stanley.
5265. Walter M. Gallant, Exeter, 32.4 hp. Buick.
5266. Frank N. Kincaid, Haverhill, 12.8 hp. Maxwell.
5267. Fred S. Webster, Windham, 20.2 hp. Flanders.
5268. George E. Roy, Winchester, 28.9 hp. Maxwell.
5269. Walter H. Tripp, Epsom, 19.6 hp. Elmore.
5270. Everett E. Salisbury, Moosup, Conn., 40 hp. Pierce-Arrow.

5271. Charles Boisclair, Manchester, 28.9 hp. Cadillac.  
 5272. Almer Bagley, Allentown, 28.9 hp. Corbin.  
 5273. Daniel Lytle, Portsmouth, 12.8 hp. Maxwell.  
 5274. Walter E. Bickford, Bennington, 9.8 hp. Maxwell.  
 5275. New England Telephone and Telegraph Co., Boston, Mass., 38.4 hp.  
     Pierce-Arrow.  
 5276. Albert E. Duff, Goffstown, 12.8 hp. Maxwell.  
 5277. D. T. Wentworth, Gorham, 22.5 hp. Ford.  
 5278. Winfield S. Call, New London, 20 hp. International.  
 5279. William A. Kelley, Centre Harbor, 10 hp. Stanley.  
 5280. John L. Hobson, North Hampton, 48.6 hp. Pierce-Arrow.  
 5281. John L. Hobson, North Hampton, 43.8 hp. Pierce-Arrow.  
 5282. Arthur E. Eastman, Manchester, 12.8 hp. Maxwell.  
 5283. Edgar M. Reed, Chichester, 22.5 hp. Ford.  
 5284. Grace M. Sanborn, Loudon, 22.5 hp. Buick.  
 5285. Hutchinson Building Co., Concord, 25.6 hp. Reo.  
 5286. George L. Hooper, Walpole, 43.8 hp. Stevens.  
 5287. Joseph A. Gavnor, Berlin, 22.5 hp. Flanders.  
 5288. George S. Griswold, Keene, 36.1 hp. Jackson.  
 5289. Frank B. Little, Warren, 25.6 hp. Stevens.  
 5290. Arthur E. Mills, West Hampstead, 22.5 hp. Ford.  
 5291. Charles H. and James H. Batchelder, Jr., North Woodstock, 40 hp.  
     Royal.  
 5292. Hypolite Gauvin, Somersworth, 28.9 hp. Overland.  
 5293. Allen M. Freeman, West Rumney, 25.6 hp. Everett.  
 5294. Curt E. Eastman, Ashland, 22.5 hp. Ford.  
 5295. G. A. Glidden, Derry, 28.9 hp. Overland.  
 5296. Standard Oil Co. of New York, Boston, Mass., 28 hp. Metzger.  
 5297. City of Manchester Dept. of Buildings, Manchester, 30 hp. Indiana.  
 5298. Arthur H. Tennev, East Concord, 33.7 hp. Mitchell.  
 5299. Fred H. Davis, Hinsdale, 22.5 hp. Ford.  
 5300. Moise Verrette, Manchester, 25 hp. International.  
 5301. Harold A. Dingvell, Penacook, 22.5 hp. Ford.  
 5302. Fred N. Edmunds, Stratham, 28.9 hp. Peerless.  
 5303. William H. Coburn, Fitzwilliam, 48.6 hp. Peerless.  
 5304. Joseph F. Lombard, Milford, 22.5 hp. Premier.  
 5305. Elmer A. Sanborn, Chester, 27.2 hp. Overland.  
 5306. Edgar J. Wells, Walpole, 32.4 hp. Cadillac.  
 5307. Leon R. Moss, Nashua, 25.6 hp. Reo.  
 5308. Charles R. Grant, Wolfboro, 25.6 hp. Marion.  
 5309. Frank McDaniel, Barrington, 25.6 hp. Marion.  
 5310. Herbert S. Billings, Kittery, Me., 20 hp. McIntyre.  
 5311. Charles B. Edgerly, Derry, 28.9 hp. Mitchell.  
 5312. Ulfrane Guimond, Nashua, 14.5 hp. Stevens.  
 5313. James E. Willey, Concord, 6 hp. Stanley.  
 5314. Edmond L. Merrow, Bethlehem, 22.5 hp. Ford.  
 5315. Sidney L. Willson, Lancaster, 19.6 hp. Maxwell.  
 5316. Hiram W. Nickerson, Portsmouth, 16.9 hp. Overland.  
 5317. W. H. Currier, Andover, 12.8 hp. Maxwell.  
 5318. Henry E. Labine, Nashua, 22.5 hp. Buick.  
 5319. William E. Davis, New Ipswich, 25.6 hp. Jackson.  
 5320. John H. Kenney, Troy, 28.9 hp. Cadillac.  
 5321. William J. Ladd, South Danville, 23 hp. Buick.  
 5322. George S. Sewall, Newmarket, 22.5 hp. Ford.  
 5323. Albert F. Adams, Gilsum, 10 hp. Stanley.  
 5324. Sidnev A. Hardy, Derry, 22 hp. Winton.  
 5325. The Eldridge Baker Co., Manchester, 20.2 hp. Flanders.  
 5326. Thomas D. Paris, Manchester, 25.6 hp. Clark.  
 5327. Julian A. Smith, Sandwich, 38 hp. Stevens.  
 5328. Horace W. Pearson, Portsmouth, 25.6 hp. Overland.  
 5329. Pulpit Farm Dairy, Manchester, 25 hp. International.  
 5330. David Hazzard, Berlin, 22.5 hp. Buick.  
 5331. Amelia E. Parker, Lisbon, 25.6 hp. Regal.  
 5332. Fred A. Smith, Greenfield, 25.6 hp. Reo.  
 5333. John E. Smith, Berlin, 25.6 hp. Cadillac.  
 5334. Elizabeth W. Kean, Manchester, 40 hp. Stearns.  
 5335. Holmes & Wheeler, Derry, 16.2 hp. Buick.  
 5336. Charles H. Burch, Portsmouth, 22.5 hp. Ford.  
 5337. M. Elizabeth Pinkham, Dover, 27.2 hp. Marion.  
 5338. John W. Kay, Apthorp, 17.1 hp. Buick.

- 5339. Herbert F. Chapman, Rochester, 22.5 hp. Ford.
- 5340. Carroll Haynes, Derry, 22.5 hp. Overland.
- 5341. W. H. Fogg, Rochester, 11.2 hp. Maxwell.
- 5342. Melvin H. Sidebotham, Nashua, 22.5 hp. Buick.
- 5343. William W. Moses, Loudon, 22.5 hp. Ford.
- 5656. Ford Foundry Co., Concord, 25.6 hp. Maxwell.
- 5670. Allie F. Walker, Milton Mills, 25.6 hp. Hudson.
- 5680. Perley F. Rogers, Bartlett, 28.9 hp. Maxwell.
- 5697. Julius Kasten, Peterborough, 28.9 hp. Maxwell.

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### Non-Resident.

- 1. George B. Upham, Claremont, 32.4 hp. Cadillac.
- 2. George F. D. Paine, Kearsarge, 38 hp. Peerless.
- 3. Joseph M. Hoyt, Lynn, Mass., 40 hp. Stoddard-Dayton.
- 4. The Hyde-Pierce Co., Richfield Springs, N. Y., 25.6 hp. Pope-Hartford.
- 5. Henry B. Stowell, Boston, Mass., 45 hp. Pope-Hartford.
- 6. Chesley H. Smith, Plymouth, 22.5 hp. Ford.
- 7. Lillian L. Townsend, Haverhill, Mass., 34.2 hp. Peerless.
- 8. William A. Richardson, East Andover, 43.8 hp. Stevens.
- 9. George W. Simonds, Boston, Mass., 28.9 hp. Rambler.
- 10. George N. P. Mead, Winchester, Mass., 25.6 hp. Overland.
- 11. Charles F. Jacobs, Bradford, 22.5 hp. Ford.
- 12. Louis Derr, Boston, Mass., 20 hp. Stanley.
- 13. Brown Garage and Carriage Co., New Ipswich, 25.6 hp. E. M. F.
- 14. Fred H. Jones, Hinsdale, 34.2 hp. Firestone-Columbus.
- 15. Frank H. Weed, Sandwich, 30 hp. Packard.
- 16. Charles F. Trask, Rochester, 20 hp. White.
- 17. Brackett, Shaw and Lunt Co., Somersworth, 20 hp. Reo.
- 18. Harry L. Lippitt, George's Mills, 36.1 hp. Selden.
- 19. George E. Hodson, New Haven, Ct., 43.8 hp. Stevens.
- 20. Charles P. Bowditch, Tamworth, 48.6 hp. Pierce-Arrow.
- 21. Amory Leland, Brookline, Mass., 32.4 hp. Buick.
- 22. Irwin O. Wright, West Medford, Mass., 24.3 hp. Elmore.
- 23. Alice T. Eaton, Jaffrey, 25.6 hp. Hudson.
- 24. Venie McFarland, West Swanzey, 32.4 hp. Cadillac.
- 25. Mason N. Richardson, Springfield, 25.6 hp. E. M. F.
- 26. Ely Moore, Jr., New York, 32.4 hp. Buick.
- 27. John H. Lesh, Newton Centre, Mass., 38 hp. Peerless.
- 28. Elizabeth P. Jencks, Dublin, 60 hp. Pierce-Arrow.
- 29. Charles T. Main, Holderness, 25.6 hp. Chalmers.
- 30. Herman L. Buck, Acton, Me., 16.2 hp. Buick.
- 31. Willis A. Reed, Brooklyn, 22.5 hp. Ford.
- 32. William R. Noone, Peterborough, 48.6 hp. Winton.
- 33. Randolph Crompton, Marlborough, 60 hp. Pierce-Arrow.
- 34. David R. Calhoun, Rye Beach, 40 hp. Packard.
- 35. Wilbur G. Miller, North Lebanon, Me., 25.6 hp. Overland.
- 36. Bertha D. Scott, Rye Beach, 40 hp. Peerless.
- 37. Melancthon Burr, Holderness, 32.4 hp. Cadillac.
- 38. W. W. Brown, Sunapee, 46 hp. Lozier.
- 39. Wilbur S. Johnson, East Orange, N. J., 48.6 hp. Pierce-Arrow.
- 40. Edward A. Perkins, Wellesley Hills, Mass., 25.6 hp. Chalmers.
- 41. Harold Murdock, Hill, 37 hp. Pierce-Arrow.
- 42. Mrs. A. C. Thompson, Bethlehem, 27.2 hp. Packard.
- 43. John H. Perkins, Watertown, Mass., 22.5 hp. Ford.
- 44. Alvin E. Ivie, Bethlehem, 40 hp. Packard.
- 45. Mary J. George, Stoddard, 43.8 hp. Pierce.
- 46. Mary J. George, Stoddard, 48.6 hp. Pierce.
- 47. Perley P. Rav, North Sutton, 22.5 hp. Ford.
- 48. Mrs. E. L. White, Boston, Mass., 28.9 hp. Fiat.
- 49. Walter S. Andrews, New London, 40 hp. Oldsmobile.
- 50. Edward V. Papin, Rye Beach, 25.6 hp. Chalmers.
- 51. Susan B. Edson, Warner, 28.9 hp. Cadillac.

52. Freeman B. Shedd, Northfield, 38 hp. Peerless.
53. Freeman B. Shedd, Northfield, 28.9 hp. Cadillac.
54. Frederick A. Saunders, Littleton, 16.2 hp. Elmore.
55. Frank S. Rollins, Crawford House, 36.1 hp. Stoddard-Dayton.
56. W. H. Chapman, Conway, 43.8 hp. Mitchell.
57. William H. McDermott, Maplewood, 25.6 hp. Chalmers.
58. Gordon Tweed, Little Boar's Head, 36 hp. Stevens.
59. Clifton H. Dwinnell, Franconia, 32.4 hp. Cadillac.
60. Thomas S. Barbour, Wollaston, Mass., 22.5 hp. Buick.
61. Clement S. Houghton, Chestnut Hill, Mass., 48.6 hp. Pierce-Arrow.
62. Clement S. Houghton, Chestnut Hill, Mass., 38.4 hp. Pierce-Arrow.
63. Charles H. Hastings, Lynn, Mass., 40 hp. Peerless.
64. Addison G. Fav, Orford, 48.6 hp. Pierce-Arrow.
65. John L. Mauran, Dublin, 40 hp. Packard.
66. Ira B. Keith, Wolfeboro, 28.9 hp. Pierce-Arrow.
67. Samuel A. Tucker, Monadnock, 38.4 hp. Packard.
68. Samuel A. Tucker, Monadnock, 22.5 hp. S. G. V.
69. William F. Plant, Mirror Lake, 40 hp. Chalmers.
70. Frederick H. Schaffler, Sunapee, 48.6 hp. Peerless.
71. John H. Flint, Newcastle, 48.6 hp. Pierce-Arrow.
72. Joanna Hartshorn, Centre Harbor, 16.2 hp. Buick.
73. Joanna Hartshorn, Centre Harbor, 28.9 hp. Stearns.
74. Charles A. Twombly, Portsmouth, 25.6 hp. E. M. F.
75. John G. Stearns, Bethlehem, 48.6 hp. Pierce-Arrow.
76. Charles S. Mills, Jaffrey, 43.8 hp. Stevens.
77. F. Churchill Whittemore, Rye Beach, 40 hp. Packard.
78. Samuel E. Blanchard, Stoddard, 48.6 hp. Winton.
79. John B. White, Carroll, 25.6 hp. Reo.
80. Fred H. Leavitt, Weirs, 25.6 hp. Cadillac.
81. Richard H. Monk, Bristol, 32.4 hp. Buick.
82. William M. Rice, Maplewood, 48.4 hp. Stoddard-Dayton.
83. Frederick Phillips, Peterborough, 40.9 hp. Franklin.
84. Frederick Phillips, Peterborough, 28.9 hp. Chalmers.
85. Martha W. Lee, Rye Beach, 28.9 hp. Overland.
86. F. Shirley Boyd, Cambridge, Mass., 22.5 hp. White.
87. George R. Armstrong, Centre Harbor, 48.6 hp. Packard.
88. George R. Armstrong, Centre Harbor, 48.6 hp. Packard.
89. Benjamin Fessenden, Kearsarge, 36.1 hp. Stutz.
90. Mary E. Felt, Kearsarge, 25.6 hp. Cadillac.
91. Charles E. Parker, Kearsarge, 46 hp. Lozier.
92. Charles A. Burdett, Intervale, 30.6 hp. Overland.
93. Emil A. Roos, Intervale, 28.9 hp. Cadillac.
94. M. Eidelbach, North Conway, 16.9 hp. Columbia.
95. William B. May, North Conway, 38 hp. Carhartt.
96. William B. May, North Conway, 40 hp. Rambler.
97. Elliot Flint, Kearsarge, 40 hp. Packard.
98. James W. Campbell, Intervale, 28.9 hp. Chalmers.
99. Clara S. Davis, Bartlett, 36.1 hp. Cadillac.
100. Albert W. Kaffenburgh, Jackson, 43.8 hp. Pierce-Arrow.
101. Charles L. Edgar, Wolfeboro, 22.5 hp. Ford.
102. Charles L. Edgar, Wolfeboro, 48.6 hp. Packard.
103. George W. Moses, Wolfeboro, 40 hp. Packard.
104. George H. Bryant, Wolfeboro, 28.9 hp. Pope-Hartford.
105. Frederick A. Ladd, Wolfeboro, 12.8 hp. Maxwell.
106. William M. Conant, Jr., Mirror Lake, 22.5 hp. Metz.
107. Jesse Gould, Wolfeboro, 22.5 hp. Ford.
108. Mrs. F. M. Sinclair, Wolfeboro, 53 hp. Simplex.
109. Albert A. Tilney, Wolfeboro, 38.4 hp. Stevens.
110. George C. Kimball, Wolfeboro, 40 hp. Stoddard-Dayton.
111. Arthur R. Parker, Groveton, 40 hp. Packard.
121. A. M. Niel Blair, Bethlehem.
122. Samuel Isenberg, Littleton, 22.5 hp. Ford.
123. Raymond V. Morris, Bethlehem, 36.1 hp. Pope-Hartford.
124. Frances J. Brandenburg, Bethlehem, 25.6 hp. Hudson.
125. Charles H. Colby, Bethlehem, 48.6 hp. Peerless.
126. John W. Kenney, Bethlehem, 32.4 hp. Moon.
127. J. Campbell Harris, Maplewood, 32.4 hp. Packard.
128. E. Naumberg, Carroll, 48.6 hp. Packard.
129. John K. Lawrence, Bethlehem, 28.9 hp. Overland.



130. Marcus E. Packard, Maplewood, 22.5 hp. Ford.
131. Frank E. Shedd, Jaffrey, 29 hp. Pope-Hartford.
132. Clifton H. Wheeler, Jaffrey, 28.9 hp. Overland.
133. Albert L. Puffer, E. Jaffrey, 28.9 hp. Grout.
134. Wellington Wells, Harrisville, 40 hp. Oldsmobile.
135. Daniel E. Bradley, East Jaffrey, 43.8 hp. Thomas.
136. Charles W. Spencer, Cambridge, Mass., 28.9 hp. Selden.
137. Mrs. M. S. Bradley, East Jaffrey, 28.9 hp. Pope-Hartford.
139. E. H. Bigelow, East Jaffrey, 25.6 hp. Studebaker.
140. Paul W. Kimball, New York, 38.6 hp. Pierce-Arrow.
141. Jennie T. S. Benjamin, Lisbon, 32.4 hp. Cadillac.
142. Fred W. Albree, Lisbon, 38.4 hp. Pierce-Arrow.
143. George Stevenson, Lisbon, 25.6 hp. Locomobile.
144. Florence L. Walker, Springfield, Mass., 40 hp. Knox.
145. M. P. Knowlton, Lisbon, 38.4 hp. Pierce-Arrow.
146. W. H. Haskin, Lisbon, 20.2 hp. Renault.
147. W. H. Haskin, Lisbon, 42 hp. Mercedes.
148. Frank W. Remick, Lisbon, 48.6 hp. Pierce-Arrow.
149. Mrs. C. H. Kimball, Lisbon, 28.9 hp. Chalmers.
150. Carl Brucker, Lisbon, 28.9 hp. Stearns.
151. John F. McGuire, Lisbon, 48 hp. Packard.
152. Isabelle E. Branson, Lisbon, 43.8 hp. Stevens.
153. Frank A. Titus, Lisbon, 28.9 hp. Stearns.
154. Henry J. Anderson, Lisbon, 32.4 hp. Cadillac.
155. Noah C. Rogers, Lisbon, 40 hp. Packard.
156. Fred B. Hill, Lisbon, 40 hp. Packard.
157. Norman H. George, Dixville Notch, 38 hp. Peerless.
158. Edward E. Babb, Lisbon, 48.6 hp. Stoddard-Dayton.
159. Robert W. Sayles, Lisbon, 38.4 hp. Pierce-Arrow.
160. John S. Allev, Franconia, 43.8 hp. Stevens.
161. Donald T. Hunter, Portsmouth, 28.9 hp. Hudson.
162. R. Hight Rines, Newcastle, 38.4 hp. Pierce-Arrow.
163. Marion S. Williams, Newcastle, 44 hp. Packard.
164. Alonzo C. Church, Rye Beach, 48.6 hp. Pierce-Arrow.
165. John C. Perry, Rye Beach, 48.6 hp. Locomobile.
166. Myron W. Marr, Newcastle, 28.9 hp. Oldsmobile.
167. Harry L. Burrage, Newcastle, 40 hp. Packard.
168. R. Frank Waugh, Rye, 20.2 hp. Hupmobile.
169. Charles I. Bickum, Hampton Beach, 27.2 hp. Regal.
170. Clarence S. Coombs, Hampton Beach, 28.9 hp. Reachey.
171. Sol. M. Stroock, Newcastle, 40 hp. Packard.
172. Ralph H. Ensign, Simsburn, Ct., 40 hp. Packard.
173. Frank R. Porter, Newcastle, 48.6 hp. Packard.
174. George S. Drake, Newcastle, 38.4 hp. Thomas.
175. James A. Dineen, Hampton Beach, 28.9 hp. Cole.
176. Clarence W. Seamans, Bretton Woods, 48.6 hp. Pierce-Arrow.
177. Cranmore N. Wallace, Boston, Mass., 38 hp. Peerless.
178. Phillips Phoenix, New York, 36 hp. Delaunay.
179. John H. Ballantine, Jefferson, 40 hp. Packard.
180. Avery C. Emmet, New York, 38 hp. Packard.
181. Batchelder & Snyder Co., Boston, Mass., 22.5 hp. Hudson.
182. Denham G. Jaycock, Somerville, Mass., 40 hp. Packard.
183. John H. Caperton, Louisville, Ky., 40 hp. Packard.
184. Emilie R. Rogers, New York, 40 hp. Packard.
185. Henry L. Morris, New York, 40 hp. Packard.
186. Mrs. George A. Alden, Boston, Mass., 43.8 hp. Stevens.
187. Winsor B. Day, Springfield, Mass., 48.6 hp. Locomobile.
189. John J. Corning, New York, 16.9 hp. Delahaye.
190. Edwin Romberg, Fabvan House, 32.4 hp. Locomobile.
191. Mrs. John Wanamaker, Philadelphia, Pa., 48.6 hp. Packard.
192. C. W. Armour, Morristown, N. J., 40 hp. Packard.
193. Mrs. Ezekiel G. Stoddard, New Haven, Conn., 43.8 hp. Thomas.
194. Salina McClure, Chester, Pa., 48.6 hp. Pierce-Arrow.
195. John Wanamaker, Philadelphia, Pa., 32.4 hp. Packard.
196. William V. Creighton, New York, 48.6 hp. Winton.
197. Herman Dercum, Philadelphia, Pa., 40 hp. Packard.
198. Homer E. Sawyer, New York City, 48.6 hp. Packard.
199. Caroline E. Dudley, New Haven, Ct., 48.6 hp. Packard.
200. Chapman H. Hyams, New Orleans, La., 40 hp. Packard.
201. Wallace H. Shores, Bethlehem, 38 hp. Stearns.



202. Arthur M. Malcolm, Bethlehem, 38.4 hp. Pierce-Arrow
203. C. H. Sawyer, Maplewood, 40 hp. Packard.
204. Frederick C. Wrieth, Maplewood, 32.4 hp. Packard.
205. Phelps Montgomery, Profile House, 72.6 hp. Thomas.
208. Joseph H. Bowen, Bethlehem, 36.1 hp. Pope-Hartford.
209. Hayes T. Trowbridge, Profile House, 40 hp. Packard.
210. William Ryle, Profile House, 30.6 hp. Locomobile.
211. D. Burns Douglass, Bethlehem, 38 hp. National.
212. C. W. Hollbrook, Bethlehem, 48.6 hp. Winton.
213. Hattie E. Morris, Bethlehem, 18.2 hp. Whiting.
214. George W. Hickey, Bethlehem, 28.9 hp. Haves.
216. Anna H. Bray, Maplewood, 38.4 hp. Pierce-Arrow.
217. Walter A. Little, Littleton, 18.2 hp. Ford.
218. J. Rich Steers, Profile House, 48.6 hp. Pierce-Arrow.
219. Mrs. R. Jay Walsh, Maplewood, 27.7 hp. Maja.
220. Mrs. R. Jay Walsh, Maplewood, 19.6 hp. Mercedes.
221. Mrs. James R. Jesup, Profile House, 32.4 hp. Packard.
222. C. H. Sawyer, Maplewood, 40 hp. Packard.
223. Mrs. E. L. Maxwell, Profile House, 38 hp. Peerless.
224. Paulina D. Stanton, Profile House, 38 hp. Peerless.
225. William M. Ritter, Profile House, 32.4 hp. Cadillac.
226. William J. Rogers, Sunapee, 72.6 hp. Thomas.
227. Joseph F. Hoyt, Sunapee, 40 hp. Speedwell.
228. Austin C. Chase, Whitefield, 20 hp. Chase.
229. Arthur J. Blood, Lynn, Mass., 28.9 hp. Chalmers.
230. Arthur J. Blood, Lynn, Mass., 48.6 hp. Packard.
231. Alice H. Upton, Dublin, 27.2 hp. Lenox.
232. Benjamin Thurston, Fitzwilliam, 40 hp. Packard.
233. Charles E. Gibson, North Conway, 25.6 hp. Franklin.
234. Herbert E. Clark, Centre Barnstead, 32.4 hp. Inter-State.
235. Moses Thalhimier, Jackson, 46 hp. Stearns.
236. Y. E. Cummer, New London, 26.4 hp. Packard.
237. Ernest G. Dumas, Temple, 32.4 hp. Velie.
238. W. Scott Boardman, Beverly, Mass., 10 hp. Stanley.
239. Carl D. Smith, Munsonville, 40 hp. Packard.
240. William M. Nevin, Carroll, 25.6 hp. Buick.
241. Robert L. Pond, Whitefield, 38 hp. Columbia.
242. Edmund D. Chesebro, Providence, R. I., 32.4 hp. Knox.
243. Eben B. Page, Whitefield, 40 hp. Knox.
245. Robert O. Smith, Whitefield, 32.4 hp. Knox.
246. Ernest P. B. Atwood, Providence, R. I., 32.4 hp. Cadillac.
260. Adolph Vietor, Jefferson, 25.6 hp. Hudson.
261. Edward W. Taylor, Jefferson, 32.4 hp. Packard.
262. Andrew J. Murphy, Jefferson, 19.6 hp. Oakland.
263. Robert E. Gibson, Jefferson, 36.1 hp. Packard.
264. Henry A. Blair, Jefferson, 48.6 hp. Pierce-Arrow.
265. A. J. Carroll, Jefferson, 38.4 hp. Pierce-Arrow.
266. Mrs. Howard Cooley, Jefferson, 40 hp. Packard.
267. Samuel Insull, Jefferson, 48.6 hp. Schligh.
268. Mrs. F. A. Boehmann, Jefferson, 40 hp. Packard.
269. Charles H. Clark, Jr., Jefferson, 40 hp. Locomobile.
270. Mrs. Charles H. Osgood, Jefferson, 48.6 hp. Stevens.
271. J. Lodge Eddy, Jefferson, 32.4 hp. Inter-State.
272. William L. Ward, Jefferson, 48.6 hp. Packard.
273. M. H. Hurlbut, Jefferson, 40 hp. Peerless.
274. H. F. Ball, New York, 40 hp. Alco.
275. David Magie, Jefferson, 38.4 hp. Pierce-Arrow.
276. Andrew Freedman, Jefferson, 40 hp. De Dion-Bouton.
277. James B. Reagan, Jefferson, 48.6 hp. Pierce-Arrow.
278. Willard M. Smith, Jefferson, 38.4 hp. Pierce-Arrow.
279. Hans Walz, Jefferson, 40 hp. Mercedes.
280. Charles E. Boyce, Hampton Beach, 28.9 hp. Cadillac.
281. H. E. Myers, Newcastle, 38 hp. Peerless.
282. David A. Belden, Haverhill, Mass., 43.8 hp. Locomobile.
283. Fred J. Thompson, Hampton Beach, 38.4 hp. Metzger.
284. J. L. Dantzer, Newcastle, 38.6 hp. Thomas.
285. Mrs. W. T. Schley, Newcastle, 36.1 hp. Oldsmobile.
286. W. Scott Peters, Hampton Beach, 25.6 hp. Metzger.
287. Edward N. Burke, Lowell, Mass., 32.4 hp. Buick.
288. Daniel B. Meacham, Newcastle, 28.9 hp. Packard.

289. John E. Bouden, Newcastle, 32.4 hp. Packard.
290. R. S. Warner, Columbus, O., 25.6 hp. Stearns.
291. George M. Bunker, Haverhill, Mass., 25.6 hp. Buick.
301. Alison B. Hill, Francestown, 25.6 hp. Chalmers.
302. Felix E. Schelling, Tamworth, 22.5 hp. Ford.
303. Annie R. Gibson, Sunapee, 51.6 hp. Lozier.
304. Frances P. Denny, New London, 28.9 hp. Cadillac.
305. Charles A. Rich, Lisbon, 32.4 hp. Locomobile.
306. Mary L. C. Schofield, Peterborough, 32.4 hp. Cadillac.
307. Mary L. C. Schofield, Peterborough, 40 hp. Packard.
308. Franklin M. Potts, Laconia, 48.6 hp. Winton.
309. Franklin M. Potts, Laconia, 22.5 hp. Ford.
310. Marshall B. Waterman, Chesham, 40 hp. Knox.
311. William R. Cordingley, New London, 40 hp. Packard.
312. George W. Simonds, Boston, Mass., 43.8 hp. Stevens.
313. Joseph W. Becker, Newcastle, 48.6 hp. Thomas.
314. George E. Warren, Brookfield, 27.2 hp. Warren.
315. Alfred N. Robbins, Dublin, 48.6 hp. Winton.
316. George M. Wright, Rye Beach, 40 hp. Packard.
317. Margaret Wright, Rye Beach, 19.6 hp. Hupmobile.
318. Walter M. Glass, Wakefield, Mass., 48.6 hp. Pierce-Arrow.
319. William W. Gurley, Chicago, Ill., 48.6 hp. Packard.
320. Mittie A. Whitcomb, Lakeport, 38.4 hp. Pierce-Arrow.
321. William M. Sayer, Bethlehem, 40 hp. Packard.
322. William F. Mooers, Deering, 16.2 hp. Buick.
323. R. A. Benson, Marlborough, 36.1 hp. Stoddard-Dayton.
324. Paul N. Goodrich, Meredith, 28.9 hp. Chalmers.
325. William L. W. Field, Alstead, 25.6 hp. Buick.
326. Cornelia Kittredge, Little Boar's Head, 40 hp. Packard.
327. Thorne Shaw, Bethlehem, 60 hp. Pierce-Arrow.
328. John B. Baum, Boston, Mass., 48.6 hp. Winton.
329. Daniel W. Beede, Lebanon, Me., 22.5 hp. Overland.
330. George E. McQuesten, Portsmouth, 28.9 hp. Stearns-Knight.
331. Wheaton Kittredge, Little Boar's Head, 25.6 hp. Chalmers.
332. Isaac Davenport, Little Boar's Head, 43.8 hp. Pierce-Arrow.
333. Horace Wyman, Fitzwilliam, 48.6 hp. Winton.
334. Nellie E. Mathews, Rye Beach, 3 1/2 hp. Bailey.
335. George D. Markham, St. Louis, Mo., 44.1 hp. Packard.
336. James E. Clark, New London, 25.6 hp. Hudson.
337. James E. Clark, New London, 32.4 hp. Marmon.
338. Samuel E. Barrett, Newcastle, 2 hp. Baker.
339. Mrs. Edward J. Brown, Walpole, 26 hp. Packard.
340. Mary Lionberger, Monadnock, 36.1 hp. Pierce-Arrow.
341. Fred L. Pattee, Winchester, Mass., 38.4 hp. Pierce-Arrow.
342. Edmund W. Converse, New London, 38 hp. Peerless.
343. A. Lisner, West Springfield, 48.6 hp. Pierce-Arrow.
344. Margaret B. Moen, Sunapee, 48.6 hp. Pierce-Arrow.
345. James W. Whitson, Newport, 38.4 hp. Pierce-Arrow.
346. William W. Webb, Laconia, 25.6 hp. Maxwell.
347. J. P. Sanger, New London, 25.6 hp. Packard.
348. Henry Runels, Warner, 28.9 hp. Chalmers.
349. J. Frank Wellington, Mont Vernon, 28.9 hp. Stearns.
350. Sheldon Franklin, East Orange, N. J., 32.4 hp. Locomobile.
351. George H. Souther, Jr., Maplewood, 36 hp. Mitchell.
352. Lucius Wilmerding, New York, 28.9 hp. Cadillac.
353. Mrs. George W. Cook, Claremont, 34.2 hp. Peerless.
354. Alice R. Pattee, Enfield, 32.4 hp. Marmon.
355. Alson H. Robinson, Littleton, 36.1 hp. Stutz.
356. Paul Rehnberg, Bethlehem, 20.2 hp. Flanders.
357. Maria Babcock, Profile House, 38 hp. Peerless.
358. C. H. Sawyer, Maplewood, 40 hp. Packard.
359. C. H. Sawyer, Maplewood, 40 hp. Packard.
360. C. H. Sawyer, Maplewood, 40 hp. Packard.
361. Franklin G. Balch, Boston, Mass., 32.4 hp. Premier.
362. Howard W. Doughty, Pike, 32.4 hp. Cadillac.
363. R. R. Bailey, Hopkinton, 72.6 hp. Thomas.
364. Olin W. Stevens, Francestown, 22.5 hp. Buick.
365. Alice May Teel, Intervale, 24.3 hp. Atlas.
366. Martha Harris, Canaan, 40 hp. Peerless.

367. Frederick S. Converse, New London, 36.1 hp. Stevens.
368. Samuel S. Adams, West Springfield, 28.9 hp. Cadillac.
369. John S. Runnells, Chocorua, 48.6 hp. Pierce-Arrow.
370. Helen G. Green, Rye Beach, 36.1 hp. Stevens.
371. Mrs. John P. Duncan, Profile House, 48.6 hp. Packard.
372. Harold Kelly, North Rochester, 14.5 hp. Ford.
373. Eliot C. Clarke, Tamworth, 32.4 hp. Cadillac.
374. Mrs. Robert W. Jameson, Yonkers, N. Y., 48.6 hp. Pierce-Arrow.
375. Mary H. Stevens, North Newport, 38 hp. Peerless.
376. Charles A. Stockton, George's Mills, 25.6 hp. Overland.
377. Agnes C. Cottrell, Westerly, R. I., 36.1 hp. Stevens.
378. Josiah Q. Bennett, Hampton, 32.4 hp. Cadillac.
379. Charles J. Emerson, Newport, 22.5 hp. Ford.
380. Rudolf F. Haffenreffer, Canaan, 34.2 hp. Stoddard-Dayton.
381. William S. Tyler, Sunapee, 48.6 hp. Pierce-Arrow.
382. Loren D. Towle, Dublin, 32.4 hp. Stevens.
383. R. T. Paine, Dublin, 40 hp. Packard.
384. R. T. Paine, Dublin, 24 hp. Stevens.
385. Benjamin N. Johnson, Whitefield, 48.6 hp. Packard.
386. J. Wray Cleveland, Jefferson, 25.6 hp. Chalmers.
387. Thomas Dimond, Jefferson, 48.6 hp. Packard.
388. Malcolm N. Jackson, Centre Harbor, 40 hp. Stoddard-Dayton.
389. Sidney Curtis, Ashland, 22.5 hp. Overland.
390. Walter N. P. Darrow, Profile House, 40 hp. Packard.
391. Walter W. Law, Jefferson, 30.6 hp. Fiat.
392. Charles F. Judson, Randolph, 18.2 hp. Herreshoff.
393. Charles W. Whittlesey, New Haven, Ct., 22.5 hp. White.
394. Philip Gokev, Meredith, 28.9 hp. Chalmers.
395. Martha C. Vail, Little Boar's Head, 40 hp. Packard.
396. Edward B. Branigan, No. Woodstock, 25.6 hp. Stoddard.
397. Eva H. Cressy, Gloucester, Mass., 32.4 hp. Packard.
398. Clara I. Messiter, Holderness, 36.1 hp. Stoddard-Dayton.
399. Frank A. Dewick, Randolph, 28.9 hp. Chalmers.
400. Daniel L. F. Chase, Canterbury, 22.5 hp. Ford.
401. Virgil Prettvman, Orford, 28.9 hp. E. M. F.
402. George H. Lawrence, Jaffrey, 32.4 hp. Rambler.
403. Eugene G. Putnam, Bradford, 22.5 hp. Ford.
404. Thomas Sherwin, Tamworth, 38.4 hp. Pierce-Arrow.
405. Warren S. Adams, New York, 48.6 hp. Packard.
406. C. DeLacy Evans, Rye, 28.9 hp. Chalmers.
407. William L. Smart, Wolfeboro, 48.6 hp. Locomobile.
408. Franklin G. Manley, East Orange, N. J., 32.4 hp. Auburn.
409. George H. Bird, Hill, 20 hp. Stanley.
410. Clement Studebaker, Jr., Rye Beach, 28.9 hp. E. M. F.
411. Clement Studebaker, Jr., Rye Beach, 43.8 hp. Garford.
412. S. E. Hoffman, Rye Beach, 40 hp. Packard.
413. George A. Ross, Canaan, 24 hp. Black Crow.
414. Lincoln D. Robbins, Kearsarge, 48.6 hp. Winton.
415. Lincoln D. Robbins, Kearsarge, 48.6 hp. Winton.
416. E. F. Slayback, Rye Beach, 48.6 hp. Pierce-Arrow.
417. Albert F. Dow, Fall River, Mass., 29.7 hp. Pope-Hartford.
418. Hugo Beil, Hampton Beach, 25.6 hp. Chalmers.
419. Alice M. Childs, Harrisville, 38.4 hp. Pierce-Arrow.
420. Percy F. Munsey, Gilmanton, 40 hp. Packard.
421. Cornelia H. Rhoades, Profile House, 40 hp. Packard.
422. Charles G. Hutton, Sunapee, 25.6 hp. Oakland.
423. Peter W. Reilly, Lowell, Mass., 40 hp. Oldsmobile.
424. Frederick L. Emery, Gilford, 48.6 hp. Locomobile.
425. Frank B. Cemens, Alton Bay, 40 hp. Chalmers.
426. Thomas H. Garrett, W. Springfield, 32.4 hp. Apperson.
427. David B. Thompson, New Haven, Conn., 40 hp. Stearns-Knight.
428. Mrs. E. Frothingham, Dublin, 48.6 hp. Packard.
429. Thomas Hollis, New London, 24 hp. Stevens.
430. James B. Bell, Harrisville, 10 hp. Stanley.
431. Mrs. A. Kountze, Jefferson, 38.4 hp. Pierce-Arrow.
432. Samuel H. Austin, Jefferson, 72.6 hp. Mercedes.
433. Orrin C. Hubbard, Mont Vernon, 28.9 hp. Columbia.
434. William Arthur Dupee, Milton, Mass., 32.4 hp. Locomobile.
435. Orton Brewer, Bridgewater, 28.9 hp. Chalmers.
436. Frank A. Merrill, Exeter, 38.4 hp. Pierce-Arrow.

437. Alvan T. Fuller, Little Boar's Head, 32.4 hp. Packard.
438. Alvan T. Fuller, Little Boar's Head, 48.6 hp. Packard.
439. Luisa T. de Navarro, Jefferson, 38 hp. Mercedes.
440. James W. Hitchings, Mirror Lake, 32.4 hp. White.
441. James Richardson, Ashland, 40 hp. Packard.
442. William N. Shaw, Jefferson, 32.4 hp. Cadillac.
443. Everett H. Sharp, East Rindge, 32.4 hp. Buick.
444. Harvey T. Ruhe, Ashland, 40 hp. Packard.
445. F. W. Huff, Philadelphia, Pa., 48.6 hp. Packard.
446. William H. Weick, Troy, N. Y., 25.6 hp. E. M. F.
447. George W. Macauley, East Hebron, 40 hp. Packard.
448. Joseph W. Litchfield, Weare, 36 hp. Stevens.
449. Winthrop M. Pitman, Holderness, 25.6 hp. Everett.
450. John W. Blackey, Gilmanton, 36 hp. Stevens.
451. Thomas F. Sheriden, Moultonborough, 40 hp. Moyr.
452. John H. Ernst, Sunapee, 48.6 hp. Peerless.
453. Julia T. Buck, Little Boar's Head, 40 hp. Packard.
454. Frank H. Pierce, North Sutton, 18.2 hp. Ford.
455. Thomas B. Osborne, New Haven, Conn., 28.9 hp. Chalmers.
456. Henry C. O'Brien, Francestown, 36 hp. Stevens.
457. Margaret J. Thaver, Chocorua, 24 hp. Chalmers.
458. May P. White, Bridgewater, 22.5 hp. Ford.
459. Henry C. Haarstick, Rye Beach, 36.1 hp. Locomobile.
460. Charles C. Milton, Rye Beach, 38 hp. Knox.
461. William H. Chapman, Conway, 6.4 hp. Brush.
462. Louis R. Burnett, Peterborough, 25.6 hp. Warren.
463. Charles F. Schmidt, Jefferson, 37.2 hp. Pierce-Arrow.
464. Frank Hilliard, Tuftonboro, 32.4 hp. Cadillac.
465. Sydney M. Williams, Peterborough, 38.4 hp. Pierce-Arrow.
466. John R. Read, Philadelphia, Pa., 40 hp. Packard.
467. Caroline S. Bliss, Greenville, 32.4 hp. Cadillac.
468. Thomas A. Whelan, Pike, 48.4 hp. Oldsmobile.
469. Annie R. Gilbert, Franconia, 53 hp. Simplex.
470. Mrs. William B. Mayo, Newcastle, 36.1 hp. Oldsmobile.
471. Sarah Beck, Jackson, 28.9 hp. Renault.
472. Alberta M. Houghton, Marlborough, 19.6 hp. Hudson.
473. Joseph J. Greer, Philadelphia, Pa., 48.4 hp. Oldsmobile.
474. Richard Irwin, Ashland, 16.9 hp. Hupmobile.
475. Mrs. Edward Frothingham, Monadnock, 48.6 hp. Pierce-Arrow.
476. Mary P. St. John, Moultonborough, 38.4 hp. Pierce-Arrow.
477. William B. Meyer, North Sutton, 48.6 hp. Matheson.
478. Charles MacVeagh, Harrisville, 40 hp. Daimler.
479. Mary Eva Keys, Little Boar's Head, 28.9 hp. Stearns.
480. H. O. Rand, Hampton, 36 hp. Packard.
481. Charles A. Burnham, Sanbornville, 38.4 hp. Pierce-Arrow.
482. Albert B. Sanborn, New Ipswich, 22.5 hp. Buick.
483. Morgan W. Rogers, Whitefield, 43.8 hp. Thomas.
484. Henry K. McHarg, Profile House, 53 hp. Simplex.
485. Mrs. J. Waln Vaux, Philadelphia, Pa., 40 hp. Pierce-Arrow.
486. Atwood Collins, Whitefield, 32.4 hp. Maxwell.
487. Rollin Jones, Tuftonboro, 48.6 hp. Winton.
488. James B. Reynolds, Tamworth, 25.6 hp. Hudson.
489. Fred W. Smith, Ashland, 32.4 hp. Apperson.
490. Parker McColester, Claremont, 22.5 hp. Ford.
491. Arthur Little, Dublin, 48.6 hp. Pierce-Arrow.
492. Harry M. Curtis, Bridgewater, 32.4 hp. Lexington.
493. Charles E. Burbank, Fitzwilliam, 29 hp. Pope-Hartford.
494. Clifford D. Gregory, Maplewood, 40.9 hp. Thomas.
495. William A. Garrigues, Sunapee, 36.1 hp. Stevens.
496. Mary E. Freeman, Little Boar's Head, 38.4 hp. Pierce-Arrow.
497. Edith P. Storer, Sandwich, 54.1 hp. Alco.
498. Theodore H. Taft, East Jaffrey, 22.5 hp. Ford.
499. Lewis A. Guptill, Berwick, Me., 25.6 hp. Overland.
501. Arthur Joseph, North Conway, 43.8 hp. Stevens.
502. David A. Ritchie, North Conway, 40 hp. Packard.
503. Wallace J. Murray, Dorchester, Mass., 36.1 hp. Oldsmobile.
505. Lester C. Bills, North Conway, 25.6 hp. E. M. F.
506. Frederick G. Mason, Kearsarge, 32.4 hp. Cadillac.
507. Jesse W. Beatson, North Conway, 22.5 hp. Buick.
508. E. W. Paige, Kearsarge, 36.1 hp. Cole.

509. Charles A. Chase, Kearsarge, 28.9 hp. Buick.
510. Oliver J. Barr, Jr., Kearsarge, 32.4 hp. Cadillac.
511. Harry S. Lafavour, North Conway, 28.9 hp. Chalmers.
512. Joseph Koshland, Jackson, 48.6 hp. Peerless.
513. William H. Lawrence, North Conway, 28.9 hp. Mitchell.
514. Frank L. Simpson, Jackson, 32.4 hp. Marmon.
515. Elisha W. Sweet, Intervale, 25.6 hp. E. M. F.
516. Henry L. Swain, North Conway, 25.6 hp. E. M. F.
518. Jacob W. Gimbel, Jackson, 40 hp. Peerless.
519. A. Willard Damon, North Conway, 60 hp. Knox.
520. Harry F. Damon, North Conway, 43.8 hp. Thomas.
522. Edward P. Wells, Spofford, 32.4 hp. Cadillac.
523. Frank Ferdinand, Mont Vernon, 36.1 hp. Pope.
524. Blanche D. Piper, Charlestown, 25.6 hp. Autocar.
525. Mrs. L. H. Scaman, Spofford, 43.8 hp. Thomas.
526. Henry D. Brewster, Wolfeboro, 32.4 hp. Cadillac.
527. Patrick J. Harney, Intervale, 44.1 hp. Amplex.
528. Myron Taylor, New Ipswich, 22.5 hp. Ford.
529. Eugene H. Whitcomb, Harrisville, 22.5 hp. Metz.
530. Joseph Freiberg, Jackson, 48.6 hp. Thomas.
531. Willard A. Smith, Melrose, Mass., 28.9 hp. Inter-State.
532. William B. Stearns, Temple, 32.4 hp. Pullman.
533. William Bacon, New London, 40 hp. Peerless.
534. Alexander Shepherd, Smithville, 28.9 hp. Buick.
535. John Wood, Wolfeboro, 25.6 hp. Hudson.
536. Lourin M. Rollins, Alton, 25.6 hp. Chalmers.
537. John G. Blount, Melvin Village, 28.9 hp. Maxwell.
538. Edward V. French, Wolfeboro, 25.6 hp. Chalmers.
539. William J. Roome, Jr., Wolfeboro, 28.9 hp. Chalmers.
540. Roger F. Murray, Wolfeboro, 25.6 hp. Stevens.
542. Andrew Schlehuber, Wolfeboro, 40 hp. Chalmers.
543. Eliphalet F. Philbrick, Wolfeboro, 40 hp. Packard.
544. Joseph T. Meader, Wolfeboro, 48.6 hp. Mitchell.
545. Herbert M. Luey, Mountainview, 32.4 hp. Cadillac.
546. Myra W. Norris, Exeter, 25.6 hp. Oakland.
547. Omar L. Pratt, Newport, Vt., 25.6 hp. Overland.
548. Howard S. Nyman, New London, 32.4 hp. Crawford.
549. Stuart H. Clement, Marlborough, 40 hp. Locomobile.
550. Andrew P. Keith, West Swanzey, 53 hp. Simplex.
551. Franklin H. Gilson, Wellesley, Mass., 48.6 hp. Winton.
552. M. Emma Weeks, East Wolfeboro, 32.4 hp. Columbia.
553. Mae Grundreer, New York, 38.4 hp. Pierce-Arrow.
554. William Caldwell, Lynn, Mass., 32.4 hp. Marmon.
555. John W. C. Campbell, East Alstead, 60 hp. Peerless.
556. E. A. Nixon, Rye Beach, 32.4 hp. Packard.
557. Charles C. Haddock, Sunapee, 32.4 hp. Rambler.
558. Frank F. Hodgen, Burkehaven, 48.6 hp. Winton.
559. J. Ericsson Harvey, Newport, 10 hp. Stanley.
560. Henry F. Hurlburt, Tuftonboro, 48.6 hp. Pierce-Arrow.
561. Charles S. Norris, Sunapee, 32.4 hp. Rambler.
562. Helen H. Bacon, Holderness, 32.4 hp. Cadillac.
563. William C. Simons, Rye Beach, 32.4 hp. Cadillac.
564. Mrs. Jennie G. Keith, Brockton, Mass., 40 hp. Packard.
565. Wallace M. Turner, Providence, R. I., 32.4 hp. Cadillac.
566. William G. Thompson, Tamworth, 40 hp. Rambler.
567. Edward B. Bourn, Washington, 27.2 hp. Pope-Hartford.
568. William A. Graham, Pike, 48.6 hp. Packard.
569. Edwin N. Lovering, Hancock, 25.6 hp. Maxwell.
570. Marv T. Rogers, Campton, 36.1 hp. Studebaker.
571. B. W. Corkran, Jr., Baltimore, Md., 48.6 hp. Packard.
572. Charles E. Cooke, Warner, 22.5 hp. Ford.
573. George D. Bates, Athol, Mass., 54.1 hp. Stevens.
574. Jacob D. H. Bergen, Chesterfield, 40 hp. Oldsmobile.
575. Annie M. Goodman, Dixville Notch, 48.6 hp. Locomobile.
576. John L. Hildreth, Smithville, 18.2 hp. Franklin.
577. Joseph F. Whalen, Temple, 43.8 hp. Locomobile.
578. Ralph E. Parker, New Ipswich, 25.6 hp. Stoddard-Dayton.
579. Arthur E. Rowse, Chesham, 40 hp. Chalmers.
580. Marie Louise Constable, Dublin, 57 hp. Daimler.
581. George D. Emerson, Ossipee, 32.4 hp. Marmon.



582. Charles A. Abbott, Willimantic, Conn., 22.5 hp. Ford.
583. Tom S. Wotkins, Walpole, 48.6 hp. Lozier.
584. John E. Nicholson, Walpole, 32.4 hp. Mora.
585. Walter A. Putnam, Belmont, Mass., 40 hp. National.
586. Edward Cummings, Madison, 22.5 hp. Ford.
587. Adele H. Barger, Intervale, 22.6 hp. Autocar.
588. Mrs. A. B. Cobb, Sunapee, 40 hp. Packard.
589. Fred W. Herrick, Kensington, 25.6 hp. Maxwell.
590. Stephen H. Tving, Franconia, 48.6 hp. Packard.
591. Clarence B. Shirley, Allston, Mass., 36.1 hp. Studebaker.
592. Fred F. Swett, Haverhill, Mass., 40 hp. Dayton.
593. Florence E. Abbott, New Ipswich, 32.4 hp. Cadillac.
594. Francis S. Kershaw, Dublin, 36.1 hp. Pope-Hartford.
595. Grace D. Farnsworth, Tamworth, 22.5 hp. Ford.
596. George F. Pond, Boston, Mass., 25.6 hp. E. M. F.
597. John T. Kennedy, Wolfeboro, 66.2 hp. Pierce-Arrow.
606. John C. Spooner, New York, 48.6 hp. Packard.
607. Ellen C. Roberts, Hopkinton, 46 hp. Stearns.
608. George W. Niedringhaus, Rye Beach, 32.4 hp. Packard.
609. John F. Archbold, Little Boar's Head, 25.6 hp. Cadillac.
610. Jennie B. Pinkham, Brookfield, 38.4 hp. Pierce-Arrow.
611. Somerville Automobile Co., New Ipswich, 28.9 hp. Inter-State.
612. Robert J. Dunkle, Pike, 40 hp. Packard.
613. J. Ward Richardson, Bristol, 25.6 hp. Hudson.
615. Edward P. Hutchinson, Hampton, 32.4 hp. Marmon.
616. Lloyd B. Salt, Summit, N. J., 32.4 hp. Columbia.
617. Edward E. Elms, Chocorua, 51.6 hp. Lozier.
618. Mrs. R. C. Penfield, New York, 66.2 hp. Pierce-Arrow.
619. Fritz Achelis, New York, 48.6 hp. Pierce-Arrow.
620. Mary W. Thorndike, Newton, Mass., 25.6 hp. Buick.
621. John Markle, Jeddo, Pa., 40 hp. Packard.
622. L. Lorne Edgar, Montreal, P. Q., 42 hp. Alco.
623. George F. Sauer, Union, N. J., 32.4 hp. Renault.
624. Alfred A. Cowles, Bretton Woods, 48.6 hp. Pierce-Arrow.
625. Charles H. Smithers, New York, 41 hp. Amplex.
626. Clarence A. Cook, New Bedford, Mass., 54.1 hp. Stevens.
627. Isaac Starr, Philadelphia, Pa., 38.4 hp. Pierce-Arrow.
628. Henry M. Cohie, New York, 53 hp. Simplex.
629. George F. Duncan, Portland, Me., 48.6 hp. Pierce-Arrow.
630. Harry D. Reese, Philadelphia, Pa., 32.4 hp. Cadillac.
631. Frederic Holbrook, Crawford House, 28.9 hp. Chalmers.
632. Benjamin Lowenberg, Fabyans, 54.1 hp. Thomas.
633. Harry W. Croft, Pittsburg, Pa., 48.6 hp. Pierce-Arrow.
634. Herbert D. Kingsbury, New York, 48.6 hp. Packard.
635. George C. F. Williams, Hartford, Conn., 54.1 hp. Alco.
636. Wesley A. Tyson, Riverside, Conn., 66.2 hp. Pierce-Arrow.
637. Thomas Hooker, New Haven, Conn., 36.1 hp. Pope-Hartford.
638. Archie L. Vittum, Lakeport, 36 hp. Elmore.
639. Warren Goddard, St. Louis, Mo., 48.6 hp. Chalmers.
640. J. M. Stoddard, West Springfield, 32.4 hp. Cadillac.
641. Arthur H. Duhig, Lakeport, 22.5 hp. Ford.
642. George A. Frost, Berwick, Me., 25.6 hp. Maxwell.
643. F. MacVeagh, Dublin, 32.4 hp. Cadillac.
644. F. MacVeagh, Dublin, 32.4 hp. Cadillac.
645. Henry E. Burr, Sunapee, 32.4 hp. Marmon.
646. William L. Rutledge, Glendale, 25.6 hp. Chalmers.
647. Michael W. Murray, Walpole, 36 hp. Stevens.
648. Henry D. Goodale, Munsonville, 40 hp. Speedwell.
649. A. Frederick Behre, Sunapee, 22.5 hp. S. G. V.
650. Frederick Peterson, Cornish, 38 hp. Columbia.
651. Edmund S. Sparrow, Somerville, Mass., 22.5 hp. Ford.
652. Fred L. McIntosh, New London, 32.4 hp. Cadillac.
653. William I. Schaffer, Holderness, 46 hp. Lozier.
654. Mrs. B. F. Pilson, Dixville, 36.1 hp. Stoddard-Dayton.
655. Mrs. James H. Stearns, Spofford, 25.6 hp. Chalmers.
656. William R. Compton, Rye Beach, 32.4 hp. Peerless.
657. Mrs. A. R. Otis, Rye Beach, 48.4 hp. Stoddard-Dayton.
658. John T. Greenwood, Rye Beach, 32.4 hp. Cadillac.
659. Ralph King, Rye Beach, 32.4 hp. Packard.
660. Franklin C. Graham, North Sutton, 32.4 hp. Cadillac.



- 661. Augustus Maxwell, Soo-Nipi Park, 32.4 hp. Cadillac.
- 662. D. M. Staebler, Jefferson, 27.2 hp. Auburn.
- 663. Albert I. Nichols, Jefferson, 40 hp. Chalmers.
- 664. Duane H. Nash, Millington, N. J., 32.4 hp. Buick.
- 665. Martin B. Tinker, Randolph, 43.8 hp. Stevens.
- 666. Robert C. Harlow, Swansey, 48.6 hp. Packard.
- 667. William A. Seaward, North Sutton, 32.4 hp. Cadillac.
- 668. Rosa H. Rollins, Plymouth, 22.5 hp. Hudson.
- 669. Russell Parker, Spofford, 38.4 hp. Stevens.
- 670. Gilbert A. Wright, Chesterfield, 40 hp. Packard.
- 671. Freeborn G. Smith, Keene, 32.4 hp. Locomobile.
- 672. Joseph L. White, Keene, 36.1 hp. Stoddard-Dayton.
- 673. Albert P. Worthen, Bristol, 20 hp. Stanley.
- 674. Francis K. Thayer, North Dorchester, 32.4 hp. Cadillac.
- 675. Albert S. Howard, Grenfield, 32.4 hp. Cadillac.
- 676. Charles H. Pike, Quincy, 22.4 hp. Ford.
- 677. Isador H. Coriat, Peterborough, 22.5 hp. Buick.
- 678. George W. Thurston, Providence, R. I., 36.1 hp. Stevens.
- 679. Claire Gennert, Spofford Lake, 28.9 hp. Cadillac.
- 680. Alfred M. Chapman, Maplewood, 48.6 hp. Packard.
- 681. George A. Poole, Bethlehem, 32.4 hp. Locomobile.
- 682. Julia E. Cameron, Profile House, 40 hp. Packard.
- 683. Francis E. VanDyke, Bethlehem, 38 hp. Columbia.
- 684. J. S. Farrand, Jr., Maplewood, 40 hp. Packard.
- 685. Margaret A. Jones, Bethlehem, 32.4 hp. Pope-Hartford.
- 686. Charles W. Ritter, Bethlehem, 28.9 hp. Cadillac.
- 687. Florence A. Cugle, Profile House, 48.6 hp. Pierce-Arrow.
- 688. Mrs. Amos Barnes, Profile House, 48.6 hp. Pierce-Arrow.
- 689. Harry D. Yerxa, Boston, Mass., 48.6 hp. Pierce-Arrow.
- 690. Thomas E. Colby, Bethlehem, 38 hp. Peerless.
- 691. George H. Humphreys, Profile House, 40 hp. Packard.
- 692. Mrs. F. P. Fernald, Profile House, 38 hp. Peerless.
- 693. Ralph S. Hamilton, Maplewood, 36 hp. Locomobile.
- 694. H. E. Young, Maplewood, 60 hp. Pierce.
- 695. Alfred H. Pease, Bethlehem, 43.8 hp. Pierce-Arrow.
- 696. A. J. Simpson, Profile House, 32.4 hp. Packard.
- 697. James J. Goodwin, Profile House, 38 hp. Peerless.
- 698. F. L. Hewes, Bethlehem, 25.6 hp. Cutting.
- 699. Julius S. Rippel, Maplewood, 48.6 hp. Packard.
- 700. Norman P. Hefley, Spofford, 40 hp. Rambler.
- 701. Mabel H. Kerrison, Wonalancet, 32.4 hp. Maxwell.
- 702. Daniel A. Glidden, Ossipee, 25.6 hp. Warren.
- 703. George W. Bridges, Somerville, Mass., 25.6 hp. Chalmers.
- 704. Frederick L. Hearty, Hillsborough, 25.6 hp. International.
- 705. James M. Johnston, Soo-Nipi Park, 32.4 hp. Chalmers.
- 706. R. L. Corley, Washington, D. C., 48 hp. Packard.
- 707. Howard E. Plimpton, West Campton, 24 hp. S. P. O.
- 709. George F. Weld, Hingham, Mass., 36.1 hp. Pope-Hartford.
- 710. Mrs. A. E. W. Painter, Profile House, 48.6 hp. Packard.
- 711. Walter B. Swarts, Sandwich, 32.4 hp. Cadillac.
- 712. Richard Kennedy, Keene, 40 hp. Rambler.
- 713. William D. Orthwein, Rye Beach, 48.6 hp. Mathewson.
- 714. Alex C. Howe, Spofford, 32.5 hp. Velie.
- 715. George E. Kent, Dublin, 19.6 hp. Benz.
- 716. Carl A. Allen, Marlow, 22.5 hp. Ford.
- 717. Howard S. Scholes, Spofford, 22.5 hp. Regal.
- 718. George P. Sacks, W. Springfield, 51.6 hp. Lozier.
- 719. Stephen W. Phillips, New London, 48.6 hp. Premier.
- 720. Arthur A. Smith, Somerville, Mass., 51.6 hp. Lozier.
- 730. Waldo M. Brown, Spofford, 25.6 hp. Hudson.
- 731. Luman S. Brown, Spofford, 22.5 hp. Ford.
- 732. Bruce Wyman, Randolph, 25.6 hp. Buick.
- 733. Adin E. Bryant, Marlborough, 32.4 hp. Inter-State.
- 734. Willard S. Sisson, Pike, 25.6 hp. Cadillac.
- 735. Fred W. Hoyt, Weirs, 28.9 hp. Cadillac.
- 736. Arthur Binney, Brookline, Mass., 26 hp. Packard.
- 737. Caroline S. Case, Spofford, 40 hp. Pic Pic.
- 738. Zebedee E. Cliff, Randolph, 32.4 hp. Premier.
- 739. E. Rodney Fiske, Pike, 25.6 hp. Buick.
- 740. Andrew B. Wallace, Springfield, Mass., 40 hp. Packard.

741. Charles E. Gross, Hartford, Conn., 40 hp. Packard.
742. William P. McMullan, Salem, Mass., 40 hp. Packard.
743. A. L. Comstock, Boston, Mass., 48.6 hp. Winton.
744. Samuel C. Phelps, Boston, Mass., 28.9 hp. Chalmers.
745. John N. Conyngham, Wilkes Barre, Pa., 57 hp. Peerless.
746. Frederick C. Fletcher, Brookline, Mass., 48.6 hp. Packard.
747. Edgar Frank, Fabyan House, 36.1 hp. Stoddard-Dayton.
748. Richard W. Meirs, Philadelphia, Pa., 28.9 hp. Simplex.
749. John S. Bush, Wyncote, Pa., 48 hp. Pierce-Arrow.
750. Eliza J. Rhodes, Pittsburg, Pa., 48 hp. Packard.
751. Alfred D. Gleason, Stow, Mass., 48 hp. Winton.
752. J. S. Armstrong, New York, 38.4 hp. Pierce-Arrow.
753. Clarence A. Pratt, Brooklyn, N. Y., 36.1 hp. Pope-Hartford.
754. Thomas A. Sperry, Crawford, N. J., 48 hp. Pierce-Arrow.
755. G. Frederick Parrish, Wilkes Barre, Pa., 40 hp. Fiat.
756. George H. Roberts, Brooklyn, N. Y., 38.4 hp. Pierce-Arrow.
757. Norris W. Mundy, New York, 40 hp. Packard.
758. Russell Marston, South Orange, N. J., 40 hp. Packard.
759. Robert P. Winsor, Auburn, R. I., 40 hp. Packard.
760. Charles A. Hobart, New Ipswich, 22.5 hp. Ford.
761. Augustus J. Boyden, Winchester, Mass., 32.4 hp. Cadillac.
762. Fred W. Spence, Berwick, Me., 28.9 hp. Maxwell.
763. Daniel C. Kloss, East Alstead, 28.9 hp. Cadillac.
764. Charles H. McIntire, Lowell, Mass., 25.6 hp. Oakland.
765. Lewis W. Hyde, Jr., Spofford, 32.4 hp. Cole.
766. Peyton T. Carr, Rye Beach, 48.6 hp. Pierce-Arrow.
767. Warren H. Taylor, Fitzwilliam, 32.4 hp. Buick.
768. Mrs. John Gerken, Spofford, 48.6 hp. Pope-Toledo.
769. Charles H. Bonney, Marlborough, 40 hp. Packard.
770. Ernest C. Fish, Gifford, 22.5 hp. Ford.
771. Charles W. Seifert, New York, 40 hp. Packard.
772. Albert S. Guild, Greenfield, 28 hp. Stoddard-Dayton.
773. Elizabeth A. Handy, Spofford, 48.6 hp. Pierce-Arrow.
774. Edward W. Warren, Jaffrey, 38.4 hp. Pierce-Arrow.
775. Charles Ruston, Jr., Spofford, 18.2 hp. Franklin.
776. Harry G. Higbee, Hyde Park, Mass., 20 hp. Chicago.
777. Albert L. Paul, Lowell, Mass., 43.8 hp. Stevens.
778. Flora G. Armstrong, Centre Harbor, 40 hp. Packard.
779. Flora G. Armstrong, Centre Harbor, 48.6 hp. Pierce-Arrow.
780. John D. Potter, Norwich, Conn., 25.6 hp. Reo.
781. John P. Martin, Yonkers, N. Y., 27.2 hp. Overland.
782. Henry W. Green, Jaffrey, 32.4 hp. Cadillac.
783. Samuel H. Martin, West Thornton, 25.6 hp. Hudson.
784. Enoch E. Neal, Malden, Mass., 25.6 hp. Reo.
785. Harvey G. Mudd, Rye Beach, 40 hp. Packard.
786. J. P. Terrill, Rye Beach, 28 hp. Packard.
787. Gilman H. Tucker, New York, 36.1 hp. Stoddard-Dayton.
788. Elvin J. Prescott, Gloucester, Mass., 12 hp. Maxwell.
789. Theodore M. Prudden, Jackson, 22.5 hp. Ford.
790. J. S. Churchill, Laconia, 22.4 hp. Inter-State.
791. James E. Mitchell, Soo-Nipi Park, 48.6 hp. Pierce-Arrow.
792. Mrs. Robert H. York, Little Boar's Head, 25.6 hp. Stearns.
793. George A. Giles, Bridgewater, 32.4 hp. Pullman.
794. James Borden, Jr., Little Boar's Head, 25.6 hp. Cadillac.
795. Noah Dillenbergh, Jackson, 40 hp. Packard.
796. Carl L. Schroder, Peterborough, 22.5 hp. Ford.
797. Louis R. Burnett, Peterborough, 22.5 hp. Hudson.
798. James D. Farnsworth, Bristol, 25.6 hp. Chalmers.
799. Mary T. Bigelow, Peterborough, 42 hp. Royal.
800. Ethel M. Brien, Bethlehem, 22.5 hp. Ford.
801. Eben S. Draper, Jr., Profile House, 32.4 hp. Cadillac.
802. Richard S. Sherwood, Maplewood, 40 hp. Packard.
803. George W. Culver, Bethlehem, 32.4 hp. Cadillac.
804. Erastus P. Gates, Bethlehem, 72.6 hp. Thomas.
805. Karl Jungbluth, Maplewood, 48.6 hp. Pierce-Arrow.
806. Dwight A. Pease, Bethlehem, 25.6 hp. Marion.
807. Thomas C. Taliaferro, Bethlehem, 32.4 hp. Cadillac.
808. John J. L. Friederick, Bethlehem, 48.6 hp. Kisselkar.
809. F. W. Crawford, Profile House, 40 hp. Packard.
810. Robert B. Dodson, Profile House, 32.4 hp. Marmon.

811. Charles O. Beaumont, Bethlehem, 19.6 hp. Hupmobile.
812. Everett E. Salisbury, Bethlehem, 28.9 hp. Overland.
813. H. Hobart Keeler, Profile House, 43.8 hp. Stevens.
814. Pearl V. Gray, Bethlehem, 22.5 hp. Ford.
815. Joseph H. Collins, Bethlehem, 40 hp. Chalmers.
816. Madeline C. Lucchetti, Jefferson, 48.6 hp. Pierce-Arrow.
817. Charles H. Brown, Jefferson, 32.4 hp. Chalmers.
818. P. J. Brophy, Jefferson, 40 hp. Packard.
819. James Hinkle, Jefferson, 40 hp. Packard.
820. Henry B. Guthrie, Jefferson, 32.4 hp. Studebaker.
821. Frank Sweeney, New York, 28.9 hp. Chalmers.
822. Clinton V. Meserole, Englewood, N. J., 38.4 hp. Locomobile.
823. Frank Barbour, Jefferson, 48.6 hp. Winton.
846. Charles F. Sweet, East Jaffrey, 28.9 hp. Mitchell.
847. William E. Dickinson, West Swanzey, 32.4 hp. Buick.
848. Frank E. Spaulding, Strafford, 25.6 hp. Overland.
849. Arthur W. Hodges, Bristol, 27 hp. Regal.
850. Leander M. Crosby, Windham, 22.5 hp. Ford.
851. John C. Halden, Bristol, 28.9 hp. Overland.
852. C. Christian Born, Columbus, O., 25.6 hp. Cadillac.
853. Arthur E. Mason, W. Newton, Mass., 43.8 hp. Stevens.
854. Ruth L. Blacker, Gilford, 25.6 hp. Chalmers.
855. John C. F. Phinney, Lynn, Mass., 32.4 hp. Mora.
856. Ronald S. Longley, North Woodstock, 32.4 hp. Velie.
857. Ida H. Ogilvie, New York, 28.9 hp. Stearns.
858. Nellie E. Thurston, Hampton Beach, 32.4 hp. Cadillac.
859. Samuel E. Jordan, Malden, Mass., 22.5 hp. Ford.
860. Harry W. Griffin, Riegelsville, N. J., 28.9 hp. Maxwell.
861. Harold C. Keith, Brockton, Mass., 28.9 hp. Stearns.
862. Mrs. Frank H. Davis, Crawford House, 40 hp. Packard.
863. James G. Cannon, Scarsdale, N. Y., 48.6 hp. Pierce-Arrow.
864. Edwin A. Oliver, Yonkers, N. Y., 48.6 hp. Mitchell.
865. Myron L. Keith, Brockton, Mass., 48.6 hp. Winton.
866. Mrs. G. G. Williams, New York, 53 hp. Simplex.
867. Solomon Weil, Fabyan House, 32.4 hp. Cadillac.
868. Louis A. Hamilton, South Norwalk, Conn., 44.1 hp. Marquette.
869. Eugene Nan Schait, New York, 40 hp. Isotta.
870. Mrs. George C. Perkins, Hartford, Conn., 48 hp. Peerless.
871. George A. Dill, Boston, Mass., 48.6 hp. Packard.
872. James J. Turner, Pittsburg, Pa., 48.6 hp. Peerless.
873. Mrs. Francis Blake, Boston, Mass., 30 hp. Fiat.
874. William E. Joslin, Providence, R. I., 48.6 hp. Lozier.
875. W. S. Forbes, Richmond, Va., 54.1 hp. Stevens.
886. Charles F. Park, Taunton, Mass., 38 hp. Knox.
887. Lee Hutchins, Lakeport, 48.6 hp. Winton.
888. Barriteer L. H. Walton, Percy, 32.4 hp. Locomobile.
889. Brenton H. Scott, Jefferson, 25.6 hp. Hudson.
890. American Express Co., Salem, 26 hp. Packard.
891. Nelson Curtis, Boston, Mass., 36.1 hp. Stevens.
892. J. Hammond Stewart, Jackson, 25.6 hp. Hudson.
893. F. M. Hodgdon, Jackson, 48.6 hp. Packard.
907. A. V. Fraser, Dorchester, Mass., 18.2 hp. Franklin.
908. Reginald C. Robbins, New Boston, 48.6 hp. Locomobile.
909. Herbert H. Buffum, Weirs, 38.4 hp. Peerless.
910. Eben B. Phillips, Sunapee, 43.8 hp. Thomas.
911. Ned R. Young, Intervale, 36 hp. Stevens.
912. Howard C. Bland, Profile House, 25.6 hp. Pierce-Arrow.
913. Elmer A. Sheets, Profile House, 38 hp. Peerless.
914. M. E. McDowell, Bethlehem, 48.6 hp. Locomobile.
928. Arthur E. Mason, West Newton, Mass., 36 hp. Stevens.
929. Mrs. John R. Winterbotham, Lisbon, 48.6 hp. Pierce-Arrow.
930. John R. Pinover, Bethlehem, 25.6 hp. Buick.
931. Emma L. Rice, Peterborough, 48.6 hp. Packard.
932. Louis S. Thierry, Danbury, 25.6 hp. E. M. F.
933. Dean S. Ellis, Fitzwilliam, 25.6 hp. Elmore.
934. Arthur H. Whitecomb, Boston, Mass., 36.1 hp. Jackson.
935. Richard D. Greene, Westmoreland, 32.4 hp. Cadillac.

## Dealers.

- A1. F. W. Sanborn, Concord.
- A2. H. S. Putney, Manchester.
- A3. George W. Smith, Littleton.
- A4. Harry C. Grover, Dover.
- A5. Brodie Elec. & Auto. Co., Manchester.
- A6. The Stoughton Co., Whitefield.
- A7. Charles E. Woods Co., Portsmouth.
- A8. Pollard Auto. Co., Nashua.
- A9. Charles A. Thompson, Dover.
- A10. G. F. Fairfield, Keene.
- A11. Prescott's Garage, Franklin.
- A12. Robertson & Bennett, Keene.
- A14. Alna B. Libby, Gorham.
- A15. Fred L. Johnson, Concord.
- A16. Hadlock's Garage, Manchester.
- A17. Manchester Auto. Garage, Manchester.
- A18. H. C. Lintott, Nashua.
- A19. Albert S. Wetherell, Jr., Exeter.
- A20. Guy S. Davison, Holderness.
- A21. R. E. Butler, Laconia.
- A22. L. Dale Brown, Concord.
- A23. Hoyt's Garage, Penacook.
- A24. Smith Ramsey Auto. Co., Manchester.
- A25. Bridge Street Auto. Garage, Manchester.
- A26. Frank F. Wentworth, Dover.
- A27. The Dixville Notch Corporation, Dixville Notch.
- A29. Concord Auto. Sales Co., Penacook and Concord.
- A30. Suncook Auto. Garage, Suncook.
- A31. Hiram E. Wever, Portsmouth.
- A32. Sidney B. Withington, West Lebanon.
- A33. Harry L. Beacham, Portsmouth.
- A34. Warren M. Hitchcock, Greenfield.
- A35. Chadwick & Trefethen, Portsmouth.
- A36. Roundy, Weed & Co., Claremont.
- A38. Smith's Blue Sign Garage, Bristol.
- A39. J. Henry Langelier, Nashua.
- A40. Louis E. Roundy, Keene.
- A41. H. G. Fletcher Auto. Co., Concord.
- A42. William J. Freeman, Manchester.
- A43. E. Ray Shaw, Nashua.
- A44. Motor Tour Co., North Conway.
- A45. Howard L. Lamprey, Manchester.
- A46. Abbott & Brownell, Antrim.
- A47. H. W. Jewett, Alstead.
- A48. O. L. Blake & Co., Keene.
- A49. Nashua Auto. Co., Nashua.
- A50. New Hampshire Auto. Co., Concord.
- A52. Littleton Garage & Machine Co., Littleton.
- A53. Allen G. Collins, Kingston.
- A54. Mahoney Bros. & Holmes, Greenland Village.
- A55. Orrin J. Clement, Newport.
- A56. Henry W. Hayward, Temple.
- A57. Charles J. Burnham, Henniker.
- A58. Clifford A. Lowd, Portsmouth.
- A59. Claude M. Murray, Canaan.
- A60. Isaac N. Cox, Manchester.
- A61. Cotton & Burnell, Conway Center.
- A62. George D. Marden, New Boston.
- A64. Cecil P. Grimes, Penacook.
- A65. F. H. Messer, Bradford.
- A66. Glover & Merrill, Lisbon.
- A69. White's Garage, West Ossipee.
- A70. Bradley's Dover Garage, Dover.
- A71. Overland Co. of Keene, Keene.
- A73. Ernest D. Shaw, Nashua.
- A74. Carter's Garage, Tilton.
- A75. W. D. Huse & Sons, Laconia.

- A76. Lebanon Automobile Co., Lebanon.
- A77. Knapp Motor Car Co., Lebanon and Claremont.
- A78. Roy N. Putnam, South Lyndeboro.
- A79. Charles T. Lund & Son, Nashua.
- A80. Frederick Gamash, Newport.
- A82. W. S. Stewart Auto. Co., Franklin.
- A83. Smith & Johnson, Manchester.
- A85. James B. Erskine, Tilton.
- A86. William F. McCarty, Nashua.
- A87. Lancaster Garage & Auto. Co., Lancaster.
- A88. John Walker, Newmarket.
- A89. William G. Flanders, Plymouth.
- A90. I. E. Gray, Concord.
- A91. C. R. Sawyer Co., Manchester.
- A92. Charles H. Kendall, Rochester.
- A93. E. R. Durgin, Wolfeboro.
- A94. Moses B. Plummer, Milton.
- A97. C. L. Bailey, Woodsville.
- A100. Arthur W. Horton, Portsmouth.
- A101. Herbert C. Gale, Woodsville.
- A102. Joseph O. Plummer, Somersworth.
- A103. J. W. Young & Co., Benton.
- A104. W. F. Burgess, Nashua.
- A105. Harry G. Noyes, Gorham.
- A107. C. H. Bailey, Claremont.
- A108. Myrl L. Currier & Co., Enfield.
- A109. F. A. Dodge, Littleton.
- A110. City Garage Co., Berlin.
- A111. Hillsborough Auto. Garage Co., Hillsborough.
- A112. Nashua Bill Posting Co., Nashua.
- A113. Wellington & Webster, East Jaffrey.
- A114. George A. Purington, Manchester.
- A115. B. S. Weeks, Greenland Village.
- A120. W. P. Craig, Walpole.
- A122. Hobbs & Hoyt, North Hampton.
- A123. Jacobs & Parks, Colebrook.
- A127. Abbott Auto. Co., Derry.
- A128. Charles A. Watson, Rochester.
- A129. Franklin Square Garage Co., Dover.
- A130. Granite State Garage, Dover.
- A133. Hawkes & Robinson, Concord.
- A134. Laconia Auto. Co., Laconia.
- A135. Norris A. Dunklee, Concord.
- A138. City Garage Co., Nashua.
- A141. George H. Bucklin, Bristol.
- A144. G. C. Craig, Rumney.
- A145. G. F. Shaw Garage, Rochester.
- A152. Chase & Marshall, Contoocook.
- A154. Charles J. Ayer, Plymouth.
- A156. Charles A. Badger, Portsmouth.
- A160. W. H. Carl & Sons, Rochester.
- A161. Herbert S. Mudgett, Conway.
- A164. Joseph W. Hazeltine, Hopkinton.
- A169. John H. Neal, Portsmouth.
- A170. Charles A. Fox, Raymond.
- A171. The Kidder Machine Co., Franklin.
- A172. Shepard Auto. Co., East Derry.
- A174. Frank R. Woodward, Hill.
- A175. Harry E. Thayer, Farmington.
- A176. R. Rafaelli, Franklin.
- A177. Lauziere's Garage & Livery, Berlin.
- A178. Napoleon Geoffron, Newport.
- A179. Horace D. Caldwell, Weirs.
- A180. F. L. Geiger Garage Co., Sanbornville.
- A181. Central House Garage, Farmington.
- A182. Charles E. Shepard, New London.
- A183. Warren D. Knowlton, Walpole.
- A184. S. H. Edes, Newport.
- A185. Mathews & Langley, Somersworth.
- A187. Charles E. Dow, Center Harbor.

- A188. Dow Automobile Co., North Hampton.  
A189. Milton E. Wilkinson, Groveton.  
A190. Joel H. Poole, Jaffrey.  
A191. J. Arthur Butler, Hillsborough.  
A192. Joseph E. Fox-Archie A. Horne, Wolfeboro.  
A193. Fred S. Linscott, Lancaster.  
A194. C. A. Chandler, Gorham.  
A195. C. H. Corey, Franconia.  
A196. Frank W. Baldwin, Colebrook.  
A197. William W. Bass, Lancaster.  
A198. W. E. Fellows, Somersworth.  
A199. Ernest F. Gay, Holderness.
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## Violations of Motor Vehicle Law.

Reported to the Secretary of State during year ending August 31, 1912.

### BERLIN.

- May 10, 1912, William A. Cousens, Berlin.  
May 15, 1912, George H. VanDyke, Colebrook.  
May 27, 1912, Charles Morin, Berlin.  
June 3, 1912, Henry Buber, Berlin.  
June 6, 1912, Joseph Oliver, Berlin.  
June 25, 1912, Thomas Tatro, Berlin.

### CONCORD.

- September 21, 1911, Louis M. Quirin, Manchester.  
September 25, 1911, Fred W. Nichols, Boston, Mass.  
October 9, 1911, John H. Mercer, Jr., Concord.  
October 9, 1911, Harold E. Stevens, Malden, Mass.  
October 14, 1911, Scott Bullard, Wakefield, Mass.  
October 20, 1911, Frank M. Favor, Henniker.  
November 7, 1911, John H. Mercer, Jr., Concord.  
June 8, 1912, W. H. Breeden, Laconia.  
June 14, 1912, William H. Bingham, Waltham, Mass.  
June 18, 1912, Peter W. Pully, Lowell, Mass.  
August 2, 1912, Rufus Reed, Attleboro, Mass.  
August 7, 1912, Thayer Francis, Brookline, Mass.

### DOVER.

- July 25, 1912, Charles Holmes, Portsmouth.

### GORHAM.

- April 23, 1912, W. J. Jolbert, Berlin.

### HAMPTON.

- August 24, 1912, George Gowen, Jr., New York.

### JAFFREY.

- May 28, 1912, Royal M. Kinsman, Winchendon, Mass.  
July 8, 1912, William J. Thompson, Peterborough.  
July 8, 1912, William J. Thompson, Peterborough.

### NASHUA.

- October 14, 1911, Clarence W. Dana, Lowell, Mass.  
October 24, 1911, John H. Reardon, Nashua.  
October 24, 1911, John H. Reardon, Nashua.  
June 6, 1912, Wilbur Y. Hadlock, Manchester.  
July 17, 1912, Paul H. Marshall, Nashua.



## PORTSMOUTH.

June 3, 1912, Eugene A. Prince, Portsmouth.  
 August 5, 1912, John E. Cunningham, Newburyport, Mass.  
 August 5, 1912, John E. Cunningham, Newburyport, Mass.

## SEABROOK.

September 4, 1911, Francis S. Ford, Swampscott, Mass.  
 September 4, 1911, J. Kelley, Montclair, N. J.  
 September 4, 1911, Herbert F. Kendrick, Haverhill, Mass.  
 September 6, 1911, Harry W. Hallanback, Albany, N. Y.  
 September 6, 1911, Patrick Foley, Lawrence, Mass.  
 September 7, 1911, Elijah R. Jones, Pelham.  
 September 7, 1911, Edward Girnens, New York.  
 September 11, 1911, Fred E. Davis, Ashby, Mass.  
 September 11, 1911, W. E. Bailey, New York.  
 September 11, 1911, John Nelson, Chestnut Hill, Pa.  
 September 11, 1911, John Hoffman, New York.  
 September 12, 1911, Charles H. Crov, Haverhill, Mass.  
 September 13, 1911, Clinton C. Demerest, Bloomfield, N. J.  
 September 13, 1911, J. S. Ourton, Point Jefferson, N. Y.  
 September 13, 1911, George W. Wright, Flushing, N. Y.  
 September 14, 1911, A. L. Becker, Cleveland, Ohio.  
 September 14, 1911, Arthur J. Lougee, Fryeburg, Me.  
 September 14, 1911, John H. Mitchell, Haverhill, Mass.  
 September 15, 1911, Thomas F. Belgin, Albany, N. Y.  
 September 18, 1911, Dunlap P. Penhallow, Boston, Mass.  
 September 18, 1911, William A. Walsh, Sharon, Conn.  
 September 18, 1911, Joseph M. Halloran, Lowell, Mass.  
 September 19, 1911, F. D. Woodbridge, Somerville, Mass.  
 September 19, 1911, William E. Haskell, Brattleboro, Vt.  
 September 20, 1911, R. H. Melcer, Montville, Conn.  
 September 20, 1911, Edward E. Miles, New York.  
 September 20, 1911, Louis Martin, Buffalo, N. Y.  
 September 20, 1911, Fred E. Elder, Haverhill, Mass.  
 September 20, 1911, J. W. Huckins, Philadelphia, Pa.  
 September 20, 1911, Earl J. Converse, Pittsburg, Pa.  
 September 21, 1911, John P. McWilliams, Dwight, Ill.  
 September 21, 1911, A. G. Scott, Poughkeepsie, N. Y.  
 September 21, 1911, Andrew L. Jamerison, Worcester, Mass.  
 September 22, 1911, Charles A. Moritz, Boston, Mass.  
 September 23, 1911, S. J. Wigand, New York.  
 September 23, 1911, Frank Peck, Jacksonville, Fla.  
 September 23, 1911, William J. H. Dyer, Providence, R. I.  
 September 25, 1911, Olin H. Gates, South Manchester, Conn.  
 September 27, 1911, Charles L. Gaguebin, Brookline, Mass.  
 September 28, 1911, John Gogg, New York.  
 July 29, 1912, Marston Harding, Boston, Mass.  
 July 30, 1912, E. F. Clifford, New York.  
 July 30, 1912, James D. Campbell, Montreal, Can.  
 August 2, 1912, Henry J. Nelson, Providence, R. I.  
 August 2, 1912, Loring P. Nichols, Salem, Mass.  
 August 3, 1912, John J. Boyce, Boston, Mass.  
 August 3, 1912, Lewis J. Tillson, Baltimore, Md.  
 August 5, 1912, Julius Dorsey, Boston, Mass.  
 August 5, 1912, Henry A. Frost, Boston, Mass.  
 August 6, 1912, Curtis W. Pierce, Middleboro, Mass.  
 August 6, 1912, William Stapleton, Denver, Colo.  
 August 7, 1912, J. Walton Cook, York Harbor, Me.  
 August 7, 1912, Harold Everts, Melrose, Mass.  
 August 7, 1912, Melvin A. Fiske, West Medford, Mass.  
 August 7, 1912, George A. J. Goodrow, Worcester, Mass.  
 August 8, 1912, Herbert W. Sanborn, Boston, Mass.  
 August 9, 1912, William D. Clark, West Orange, N. J.  
 August 9, 1912, Arthur J. Ellis, Cambridge, Mass.  
 August 9, 1912, Peter Skopp, York Harbor, Me.  
 August 9, 1912, Murdock Wheaton, Boston, Mass.  
 August 10, 1912, George Beauhamp, Hartford, Conn.  
 August 12, 1912, John J. Rollins, Montreal, Can.

August 13, 1912, J. C. Blair, Toledo, Ohio.  
August 13, 1912, William P. Little, Newton, Mass.  
August 15, 1912, D. F. Hoffman, Harrisburg, Pa.  
August 15, 1912, Michael J. Shea, Pawtucket, R. I.  
August 16, 1912, Thomas F. Duffy, Lowell, Mass.  
August 16, 1912, Addison L. Foster, Bristol, Conn.  
August 16, 1912, Jacob Thresher, Philadelphia, Pa.  
August 17, 1912, P. V. Hill, Augusta, Me.  
August 17, 1912, Louis A. Latternor, Hartford, Conn.  
August 19, 1912, Edwin Maynard, Brooklyn, N. Y.  
August 19, 1912, George R. Wallace, Fitchburg, Mass.  
August 19, 1912, Charley G. White, New York.  
August 20, 1912, Eugene Bleyer, Philadelphia, Pa.  
August 20, 1912, Charles E. Rhoades, Northampton, Mass.  
August 20, 1912, Charles Trauth, Cincinnati, Ohio.  
August 21, 1912, William H. Berry, Jr., Somerville, Mass.  
August 21, 1912, Joseph C. Ford, New York.  
August 21, 1912, H. L. Rogers, New York.  
August 21, 1912, P. D. Theriault, Swampscott, Mass.  
August 22, 1912, Frank H. Alden, Montreal, Canada.  
August 22, 1912, George Masing, Yonkers, N. Y.  
August 22, 1912, Carl O. Olson, Lake Forest, Ill.  
August 22, 1912, George Richbell, Kansas City, Mo.  
August 24, 1912, John A. Doucette, Malden, Mass.  
August 24, 1912, Walter P. Hall, Salem, Mass.  
August 24, 1912, John W. King, Hamilton, Canada.  
August 26, 1912, Charles J. Allen, Philadelphia, Pa.  
August 26, 1912, Y. Marcy Edwards, Newton, Mass.  
August 26, 1912, Vawter C. Langley, Pawtucket, R. I.  
August 26, 1912, John Miles, New York.  
August 27, 1912, Ralph Ellis, Jericho, N. Y.  
August 28, 1912, C. P. Carrol, Pittsburgh, Pa.  
August 28, 1912, J. M. Flagg, New York.  
August 28, 1912, Wilbert MacCaul, Rochester.  
August 29, 1912, Harry L. Bingham, Waterbury, Vt.  
August 29, 1912, R. F. Cornell, New York.  
August 30, 1912, John Lynch, Boston, Mass.  
August 30, 1912, Stephen J. Dickhout, Saugerties, N. Y.  
August 31, 1912, Bernard Conlon, Orange, N. J.







BIENNIAL REPORT

OF THE

ADJUTANT-GENERAL

OF THE

State of New Hampshire

SEPTEMBER 1, 1910, TO SEPTEMBER 1, 1912

BEING

VOLUME VIII, PART I



PRINTED BY THE JOHN B. CLARKE CO., MANCHESTER  
BOUND BY THOMAS W. CRAGG, CONCORD

# ADJUTANT-GENERAL'S REPORT.

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STATE OF NEW HAMPSHIRE,

THE ADJUTANT-GENERAL'S OFFICE,

CONCORD, September 1, 1912.

*To His Excellency Robert P. Bass, Governor and Commander-in-Chief, and the Honorable Council:*

GENTLEMEN:—In accordance with the requirements of the law, I have the honor to submit a report of the Adjutant-General's Department for the years 1911 and 1912, up to and including September 1, 1912, with financial statement showing the transactions and disbursements during this period.

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## ADJUTANT-GENERAL'S REPORT.

## STRENGTH OF THE NEW HAMPSHIRE NATIONAL GUARD, JULY 1, 1912.

ORGANIZATION	STATION	Authorized Maximum Strength			Actual Strength		
		Officers	Enlisted Men	Aggregate	Officers	Enlisted Men	Aggregate
Adjutant-General's Dept.....	Hqrs. Concord .....	2	....	2	2	....	2
Inspector-General's Dept.....	Concord .....	2	....	2	2	....	2
Judge Advocate General's Dept....	Concord .....	2	....	2	1	....	1
Quartermaster's Dept.....	Concord .....	2	2	4	1	2	3
Subsistence Dept.....	Concord .....	2	1	3	2	1	3
Medical Dept.....	Concord .....	10	46	56	7	41	48
Pay Dept.....	Concord .....	2	....	2	1	....	1
Ordnance Dept.....	Concord .....	3	1	4	2	1	3
Signal Corps .....	Milford .....	1	14	15	1	14	15
Troop A, Cavalry.....	Peterborough.....	3	66	69	3	58	61
Battery A, Field Artillery.....	Manchester .....	5	190	195	5	108	113
COAST ARTILLERY CORPS							
Field and Staff.....	Hqrs. Portsmouth .....	4	1	5	4	....	4
First Company .....	Portsmouth .....	3	66	69	3	49	52
Second Company .....	Laconia .....	3	66	69	3	56	59
Third Company .....	Exeter .....	3	66	69	3	53	56
Fourth Company .....	Dover .....	3	66	69	3	48	51
FIRST REGIMENT INFANTRY							
Field and Staff.....	Hqrs. Keene .....	15	8	23	14	8	22
Band .....	Manchester .....	3	28	28	....	28	28
Company A.....	Manchester .....	3	66	69	3	59	62
Company B.....	Manchester .....	3	66	69	3	51	54
Company C.....	Concord .....	3	66	69	3	43	46
Company D.....	Nashua .....	3	66	69	3	55	58
Company E.....	Concord .....	3	66	69	2	61	63
Company F.....	Manchester .....	3	66	69	3	60	63

Company G.....	Keene .....	3	66	69	3	55	58
Company H.....	Keene .....	3	66	69	3	59	53
Company I.....	Nashua .....	3	66	69	3	58	61
Company K.....	Manchester .....	3	66	69	3	56	58
Company L.....	Berlin .....	3	66	69	3	57	60
Company M.....	Newport .....	3	66	69	3	62	65
Machine Gun Company.....	Franklin .....	3	66	69	3	54	57
		104	1,479	1,583	94	1,188	1,282

The several organizations have, as nearly as practicable, been made to conform to the United States "War Department Regulations Governing the Organized Militia," and to meet these requirements, during the past year one machine gun company has been added to the infantry regiment, and the signal detachment reorganized into a wire section signal company.

A roster of commissioned officers is given in Appendix "A."

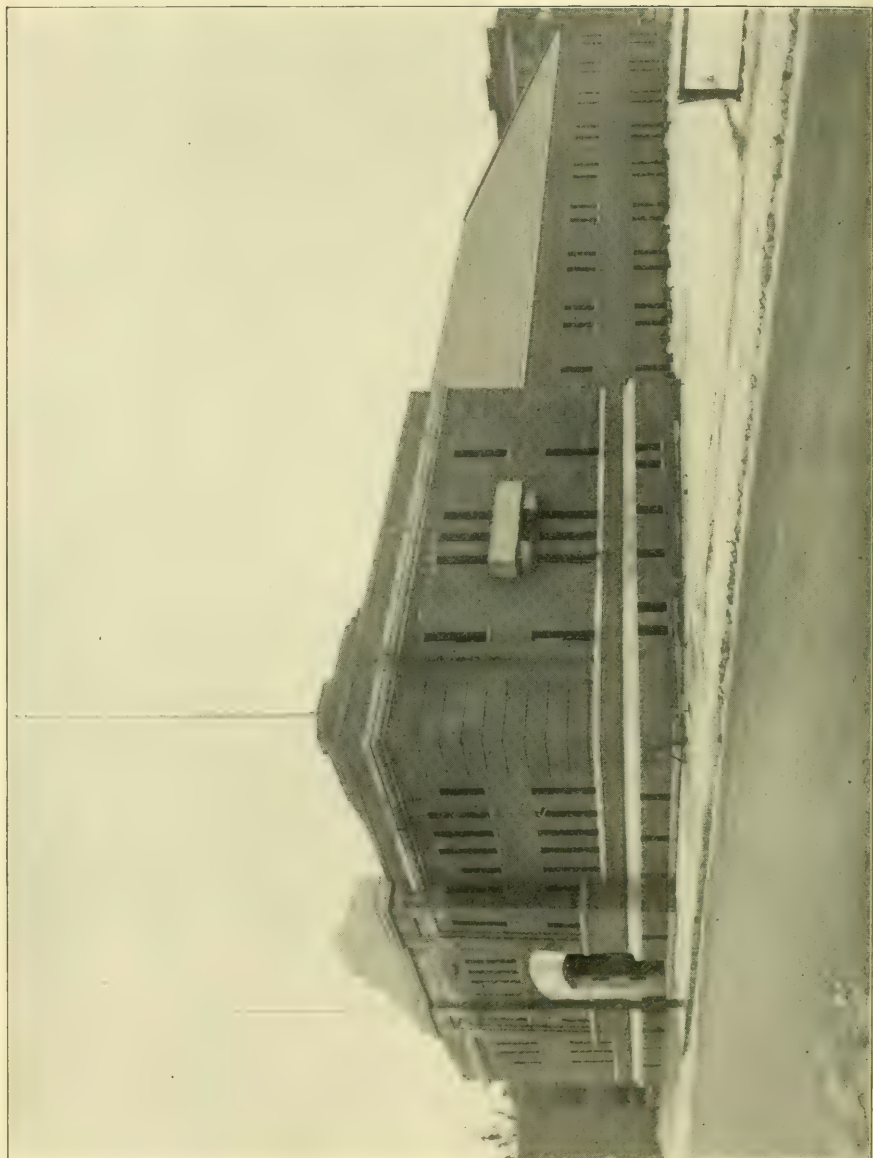
By an act of the legislature just previous to my appointment, the rank of the adjutant-general was reduced from major-general to that of brigadier-general, and the rank of the aides appointed from civil life to the governor's staff to the rank of major, with authority given to the governor to detail officers of the national guard as his personal aides, with the rank that they hold in their organizations. In my opinion this detailing system and reduction of the rank, both of the adjutant-general and the aides, is a measure greatly in the interest of the military service. The former high grades of rank of the staff were incommensurate with the size of the military forces of the state, and the granting to non-military men grades of rank higher than those held in the military service was unjust and demoralizing to the service.

To conform to the organizations of the United States Army and other states, the heads of administrative departments, as far as expedient, have been reduced to the grade of major a grade commensurate with the size of our military forces. This has been effected in the medical, quartermaster's and judge advocate's departments upon the expiration of the terms of commissions of the incumbents.

The command as it now stands consists of one troop of cavalry, one field battery, one battalion of coast artillery, one regiment of infantry, including machine gun company, one wire section signal company, and one hospital corps detachment (about one company), all arms and corps of the service, except engineer troops being included, and it is as







STATE ARMORY, MANCHESTER, NEW HAMPSHIRE

a whole an efficient body of militia, armed with the latest weapons, and clothed and equipped for field service. These arms, clothing and equipments are nearly new, and kept in serviceable condition.

Appendix "B" contains detailed reports of Inspectors General.

During the past year three ambulances, one dougherty spring wagon and four army escort wagons have been provided, and requisition will be made when the United States allotment for 1913 becomes available for twenty-one more army escort wagons, to complete the wagons necessary to transport the command in the field. The state could not reasonably own and keep the animals necessary for the emergencies of actual service, but it was found practicable to hire very good and sufficient animals for our last two summers' practice marches and encampments, and upon the Mexican war scare in the spring of 1911 I found that sufficient animals could be purchased within the state for the exigencies of war.

#### NEW HAMPSHIRE COLLEGE OF AGRICULTURE AND MECHANIC ARTS.

It has been the custom to publish the three graduates from the New Hampshire College of Agriculture and Mechanic Arts at Durham, New Hampshire, reported to this office as the most proficient in military science. In conformity with that custom, the following are reported by the United States Army officer in charge of military instruction in the class graduating 1911:

Charles Farnum Whittemore	Pembroke, N. H.
Perry James Burbeck .	Haverhill, N. H.
Eldon Eugene Stark .	Haverhill, N. H.

and in the class graduating 1912:

John Hutchins Bachelder .	Concord, N. H.
George Wesley Berry .	Stratham, N. H.
Stephen DeMeritt . .	Durham, N. H.

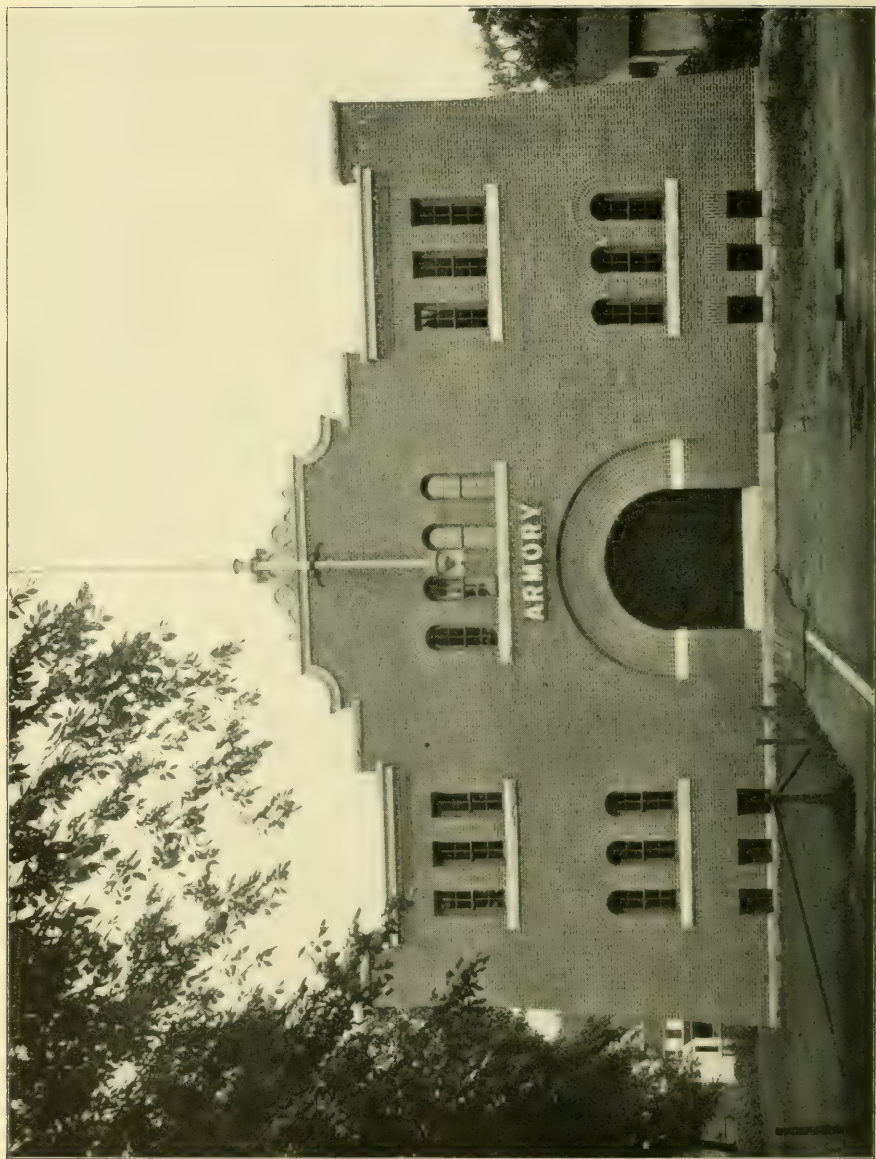
## ANNUAL ENCAMPMENTS.

Instead of holding the annual encampment each year at the state grounds at Concord, as in former years, the infantry, cavalry and field artillery, signal and hospital corps detachments participated in practice marches and maneuvers over a section of the state, equipped as for war, subsisting upon the army ration, and maneuvering as the country would permit, as if pursuing an enemy. The route in 1911 was over a section from Manchester west to Keene; and in 1912, moving from home stations by detachments, the command concentrated for maneuvers and a camp of instruction at Weare, the dismounted troops returning to their stations by rail, and the mounted troops by marching. The troops not only behaved splendidly, but acquired the practical details of soldiering, in which they took interest and enjoyment. During the maneuvers the field battery did very good shrapnel firing at a range of twenty-seven hundred yards, so that not only the batterymen but the other troops had the object lesson in the use and effect of modern artillery. The two years' programs were made progressive and elementary to what next year's course should be. By continuing year by year in this way, officers and men in the organized militia will become just about as proficient in the practical features of field service as those in the regular army.

## COAST ARTILLERY INSTRUCTION.

In both the years 1911 and 1912 the battalion of coast artillery (headquarters and four companies) participated in joint instruction with the regular troops at Fort Constitution, N. H., for eight days, living in camp and serving as gun companies at six and twelve-inch gun emplacements. Target-firing with solid shot was included in the course of instruction during both years. The course of instruction the last year (1912) was conducted upon an especially practical basis, and target-firing from both six and twelve-inch guns with solid shot was highly creditable to the companies.





STATE ARMORY CONCORD, N. H.



Plotting boards and accessory appliances have the present year been installed in the home armories, where the coming drill season may be devoted to plotting work and other technical coast artillery instruction, rather than to confine the home instruction throughout the year to infantry drill as heretofore.

#### SMALL ARMS COMPETITIONS.

State rifle and revolver competitions have been held each year on the state range at Massabesic, in which competitors from all organizations participated, with very satisfactory results. A state team was selected each year, and medals and trophies presented to the winner, as a stimulus to proficiency. The present year the winning teams were sent to the interstate matches at Wakefield, Mass. The handsome silver cup offered by Your Excellency for competition at Wakefield served to create interest in the most important feature of rifle practice, namely, skirmish firing, to which all other target-firing is preparatory. While it was won by a squad from another state, it served as a great stimulus here at home in preparatory competitions, squads entering from ten companies.

Appendix C contains reports of these competitions, and the result of small arms firing of the entire command.

I recommend that next year the week's practice marches and encampments be so arranged that on some one day of the week each company using ball cartridges makes a skirmish run over a six hundred yards range, under the conditions prescribed in the Small Arms Firing Manual, every man of the company participating. This is entirely practicable, by selecting a route of march so that somewhere on the route there will be a high mountain, safe to fire into, and previously arranging a line of skirmish targets at the base of the mountain. The expense of so fitting a place would not be very great, but even if it were considerable, it would be money well spent, as every man in each company would then actually fire as in battle, from six hundred yards up to the charging point.



The target season should commence April 1, so that the companies would have April and May to practice at home before the June maneuvers; and the company skirmish firing during the maneuvers should be competitive, handsome prizes being given to the winning companies.

#### TARGET RANGES.

During the past year a state rifle range has been purchased and improved at Massabesic, near Manchester, which accommodates the troops at Manchester, and the coast artillery companies at Portsmouth, Dover and Exeter, and provides an excellent range for camps of instruction and competition for all the troops in the state.

A range has been fitted up at Concord for the companies there, and at Franklin, which accommodates the machine gun company there, and also the company stationed at Laconia. Ranges have also been fitted up at Newport, Peterborough, Berlin and Milford.

Efforts have been made to secure safe and suitable ranges at Nashua and Keene, but thus far without success. It is quite a difficult proposition to provide target ranges in the near vicinity of towns, on account of the element of danger from our long-range rifles (carrying a bullet between three and four miles), and the difficulty in purchasing or leasing ground from the several landowners involved.

During the efforts in finding, purchasing and fitting up ranges this past year, troops without ranges at their home stations have been, as far as practicable, transported to the nearest places having ranges, for practice.

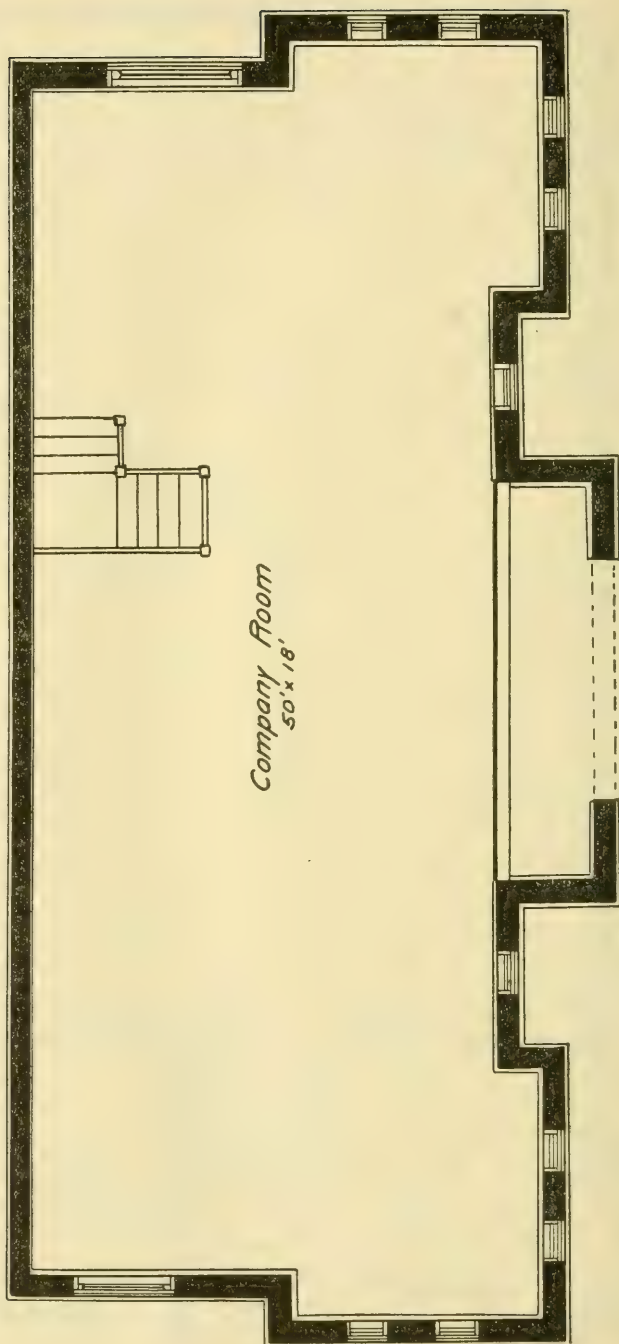
#### ARMORIES.

There are three armories owned by the state—at Manchester, Concord and Nashua, respectively. The Manchester armory accommodates one battalion (four companies), and the band of the infantry regiment, the field battery, and part of the hospital corps; the Concord armory, two companies of

FRANKLIN ARMORY  
FIRST FLOOR



*FRANKLIN ARMORY*  
*SECOND FLOOR*



*Company Room*  
*50' x 18'*

infantry and part of the hospital corps; and the Nashua armory, two companies of infantry. These armories have been provided with individual lockers, and otherwise kept in a condition of good repair.

The other organizations occupy hired buildings in their respective towns and cities—headquarters and two companies of the infantry regiment at Keene, one company of infantry at Newport, one company of infantry at Berlin, machine gun company at Franklin, cavalry troop at Peterborough, headquarters and one company of coast artillery at Portsmouth, one company of coast artillery at Dover, one company of coast artillery at Exeter, one company of coast artillery at Laconia, and the wire section signal company at Milford.

While it is probably the best policy to hire buildings in small places, and where there is not an assured prospect of the permanency of a company, it would seem to be a reasonable policy to ask each succeeding legislature to provide for building one armory, until the larger places promising a permanent military organization have a state armory, provided the town or city will furnish a suitable site. Illustrations are herein given of the three state armories, and also an armory being built by the citizens of Franklin, and rented to the company there for the state allowance, \$600 per year. The Franklin armory is built of concrete, and, exclusive of the site, cost \$10,000. It is a good model for a state armory for a city or town having one company.

#### STATE CAMPGROUND AND ARSENAL.

At the state campground at Concord is located the arsenal for reserve supplies such as are not required for habitual use at company armories.

Besides the arsenal building, there are good stables for the horses of one field battery, one cavalry troop, and for headquarters; two regimental mess houses and a headquarters mess house, with sinks and lavatories conveniently located for regularly laid out camps.

This campground contains about fifty-two acres, and is an excellent ground in all respects for a hasty rendezvous of troops, having pipes for water supply from local water works. It is one mile from the railroad depot at Concord, the place where troops from all parts of the state can the most expeditiously mobilize, all present organizations being able to arrive here by 2.30 P. M. on the day of starting from their home stations.

During the past year a new fence has been built round the greater part of the ground, replacing the one deteriorated by age; the buildings so requiring have been reshingled and repaired, and all the buildings painted, so that everything pertaining to the ground is in good order and condition for any emergency.

#### FINANCIAL STATEMENTS AND PROPERTY REPORTS.

Appendix D contains reports of disbursements and property accountability.

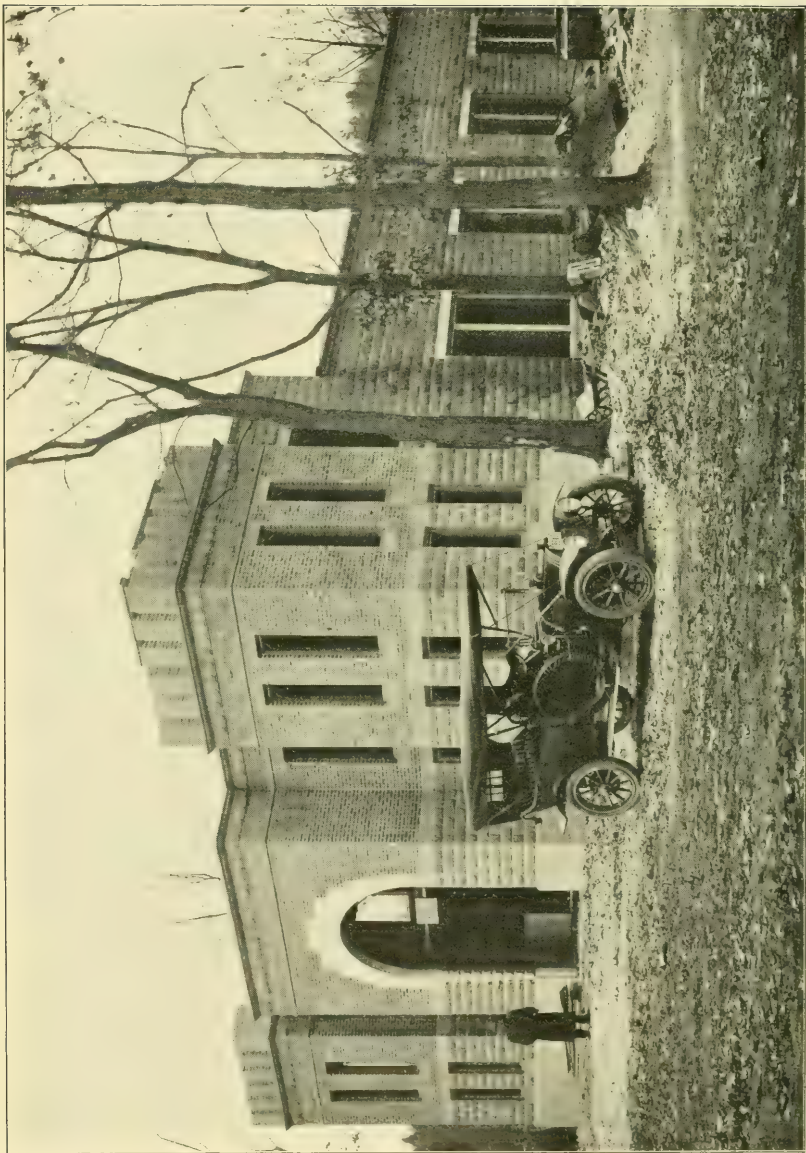
It has been my effort, as head of the military department of the state during the past two years, to assimilate the military methods of the state to those of the regular army, and to coöperate with the War Department in the national scheme to make our organized militia a practical, efficient force, ready for sudden call; and the United States Army blank forms have been adopted, so that upon joining any other force, national or state, our officers and non-commissioned officers would be habituated to the business customs of the service.

#### ADJUTANT-GENERAL'S SALARY.

The duties of the Adjutant-General by law comprise those of quartermaster-general, commissary-general, chief of ordnance and paymaster-general, in addition to those pertaining strictly to the office of Adjutant-General. In fact, they comprise the work of all the administrative departments, and, besides, he is the United States disbursing officer for the funds allotted by Congress to the state. He is required







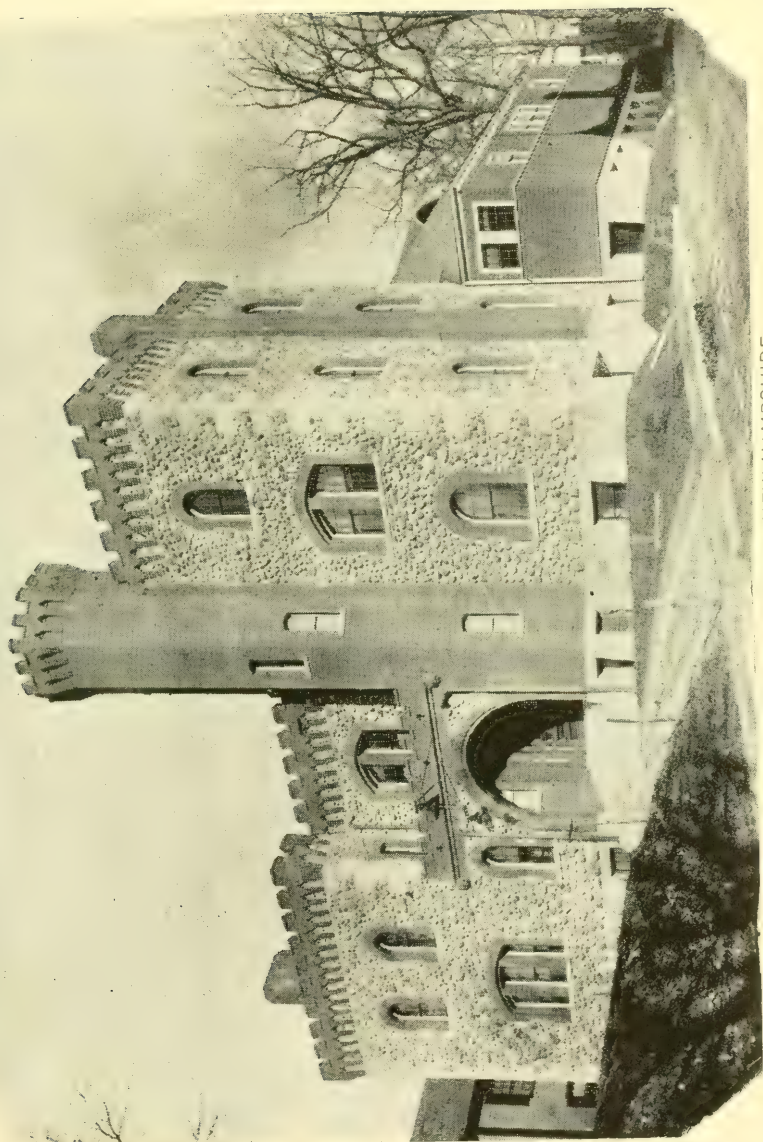
ARMORY UNDER CONSTRUCTION AT FRANKLIN, NEW HAMPSHIRE

to give bonds to the amount of \$10,000. His duties require his entire time and service. The present salary is \$1,500 per year, \$600 less than the pay and allowances of a second lieutenant in the regular army during his first year's service, not including longevity pay. It must be obvious that this compensation is not adequate to secure a person of technical military education and experience and business qualities commensurate to the position. His rank is by law brigadier-general, and he should at least receive what the state law allows a brigadier-general, \$7.00 per day, making a yearly salary of \$2,500 in round numbers.

Very respectfully,

HERBERT E. TUTHERLY,  
*The Adjutant-General.*





STATE ARMORY. NASHUA. NEW HAMPSHIRE



## APPENDIX A.

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### ROSTER OF OFFICERS.





## ROSTER OF OFFICERS OF THE NEW HAMPSHIRE NATIONAL GUARD.

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### COMMANDER-IN-CHIEF.

ROBERT P. BASS, Peterborough.

Governor, January 5, 1911.

### STAFF OF COMMANDER-IN-CHIEF.

*The Adjutant-General—Chief of Staff.*

BRIGADIER-GENERAL HERBERT E. TUTHERLY, Claremont.

January 17, 1911.

### AIDES-DE-CAMP.

MAJOR CHAUNCEY B. HOYT, Portsmouth.....Jan. 25, 1911  
 MAJOR E. BERTRAM PIKE, Pike.....Jan. 25, 1911  
 MAJOR HAROLD H. BLAKE, Concord.....Jan. 25, 1911  
 MAJOR ROBERT P. JOHNSTON, Manchester.....Jan. 25, 1911  
 MAJOR RALPH G. CARPENTER, Wolfeboro.....Jan. 25, 1911  
 CAPTAIN ORVILLE E. CAIN, Keene.....Jan. 25, 1911  
 CAPTAIN CHARLES W. JELLISON, Peterborough..Jan. 25, 1911  
 FIRST LIEUT. HENRY A. WORTHEN, Manchester..Jan. 25, 1911

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### ADJUTANT-GENERAL'S DEPARTMENT.

#### THE ADJUTANT-GENERAL.

BRIGADIER-GENERAL HERBERT E. TUTHERLY, Claremont,

January 17, 1911.

#### ADJUTANT-GENERAL.

MAJOR CHARLES W. HOWARD, Brevet Colonel, Nashua,

December 1, 1907.

## THE INSPECTOR-GENERAL'S DEPARTMENT.

THE INSPECTOR-GENERAL.

BRIGADIER-GENERAL WILLIAM SULLIVAN, Brevet Major.

General, Manchester, January 3, 1907.

INSPECTOR-GENERAL.

MAJOR ARTHUR J. PIERCE, Bennington, December 28, 1910.

## THE JUDGE ADVOCATE-GENERAL'S DEPARTMENT.

ACTING JUDGE ADVOCATE-GENERAL.

MAJOR EUGENE W. LEACH, Concord, March 26, 1907.

## THE QUARTERMASTER'S DEPARTMENT.

QUARTERMASTER-GENERAL.

The Adjutant-General, *ex officio*, Acting Quartermaster-General  
(in time of peace).

QUARTERMASTER.

MAJOR E. RAY SHAW, Nashua, December 4, 1906.

## THE SUBSISTENCE DEPARTMENT.

COMMISSARY-GENERAL.

BRIGADIER-GENERAL FRANK A. HARDY, Derry, Jan. 16, 1907.

The Adjutant-General, *ex officio*, Acting Commissary-General  
(in time of peace).

COMMISSARY.

MAJOR ROSS L. PIPER, Laconia, April 27, 1909.

## THE MEDICAL DEPARTMENT.

ACTING SURGEON-GENERAL.

MAJOR RUSSELL WILKINS, Concord, January 30, 1911.

ASSISTANT SURGEONS.

CAPTAIN AUGUSTE GUERTIN, Nashua.....Dec. 11, 1907  
CAPTAIN BERTELL L. TALBOT, Peterborough...Jan. 30, 1911

ASSISTANT SURGEONS.

FIRST LIEUT. DAVID W. PARKER, Manchester..Dec. 11, 1907  
FIRST LIEUT. GEORGE V. FISKE, Manchester..Jan. 25, 1910  
FIRST LIEUT. ROBERT J. GRAVES, Concord.....Jan. 30, 1911  
FIRST LIEUT. CHARLES S. WALKER, Keene....Jan. 30, 1911

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THE PAY DEPARTMENT.

PAYMASTER-GENERAL.

The Adjutant-General, *ex officio*, Acting Paymaster-General.

PAYMASTER.

CAPT. REGINALD C. STEVENSON, Exeter.....Dec. 28, 1910

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THE ORDNANCE DEPARTMENT.

CHIEF OF ORDNANCE.

The Adjutant-General, *ex officio*, Acting Chief of Ordnance.

ORDNANCE OFFICERS.

MAJOR ARTHUR F. CUMMINGS, Nashua.....March 14, 1904  
CAPTAIN MICHAEL H. DEGNAN, Nashua.....June 14, 1907

Note—Ordnance officers act as inspectors of small-arms practice.

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SIGNAL CORPS.

Organized 1895. Reorganized 1912.

FIRST LIEUT. CLINTON A. McLANE, Milford, May 21, 1912.

FIRST REGIMENT INFANTRY.

Organized February 7, 1868. Reorganized January 23, 1900.

Reorganized April 27, 1909.

Headquarters, Keene.

## COLONEL.

Paul F. Babbidge, Keene.....April 27, 1909

## LIEUTENANT COLONEL.

Harley B. Roby, Concord.....April 27, 1909

## MAJORS.

Michael J. Healy, Brevet Lieut.-Col., Manchester...April 27, 1909

William E. Sullivan, Nashua.....April 27, 1909

Oscar P. Cole, Berlin.....April 27, 1909

## CAPTAIN—ADJUTANT.

Walter C. Ellis, Keene.....April 27, 1909

## CAPTAIN—QUARTERMASTER.

John P. Flanagan, Keene.....April 27, 1909

## CAPTAIN—COMMISSARY.

Herbert H. Rouse, Manchester.....July 29, 1912

## FIRST LIEUTENANTS—BATTALION ADJUTANTS.

G. Perley Elliott, Manchester.....Feb. 18, 1911

Everett M. Balcom, Nashua.....June 8, 1911

Burritt H. Hinman, Berlin.....May 15, 1912

## SECOND LIEUTENANTS—BATTALION QUARTERMASTERS AND COMMISSARIES.

Vacancy .....

Martin O. Quinn, Keene.....April 27, 1909

Frank H. Fowler, Concord.....April 27, 1909

## CHAPLAIN (CAPTAIN).

John Vannevar, Concord.....April 27, 1909

## BAND.

Name.	Rank	Station	Date of Rank
Herbert H. Rouse (attached)	Captain and Comm'y	Manchester	July 29, 1912

MACHINE GUN CO.

Name.	Rank	Station	Date of Rank
Frank T. Ripley.....	Captain .....	Franklin.....	April 1, 1912
Edgar H. Wheeler.....	1st Lieutenant.....	Franklin.....	April 30, 1912
Frank R. French.....	2d Lieutenant.....	Franklin.....	April 30, 1912

FIRST BATTALION.

Major Michael J. Healey, Commanding.

First Lieut. G. Perley Elliott, Adjutant.

Vacancy, Quartermaster and Commissary.

Co.	Name	Rank	Station	Date of Rank
"F"	Eugene T. Sherburne..	Captain .....	Manchester...	Mar. 11, 1902
	Harold W. Hickman...	1st Lieut.....	Manchester...	Mar. 30, 1911
	Matthew W. Main.....	2d Lieut.....	Manchester...	May 2, 1911
"B"	Edward James Kelley.	Captain .....	Manchester...	Dec. 11, 1911
	Thomas Jos. Conway..	1st Lieut.....	Manchester...	Dec. 11, 1911
	Patrick Casey.....	2d Lieut.....	Manchester...	Dec. 11, 1911
"K"	Anthony J. Foye.....	Captain .....	Manchester...	May 7, 1906
	Vacancy .....	1st Lieut.....	.....	.....
	Patrick J. Lynch.....	2d Lieut.....	Manchester...	Mar. 28, 1911
"A"	Sylvio Leclerc .....	Captain .....	Manchester...	Mar. 7, 1911
	Ubald Hebert .....	1st Lieut.....	Manchester...	Mar. 13, 1912
	Oswald Degrenier.....	2d Lieut.....	Manchester...	Mar. 28, 1911

SECOND BATTALION.

Major William E. Sullivan, Commanding.

First Lieut. Everett M. Balcom, Adjutant.

Second Lieut. Martin O. Quinn, Quartermaster and Commissary.

Co.	Name	Rank	Station	Date of Rank
"H"	Orville E. Cain.....	Captain .....	Keene.....	Jan. 8, 1909
	Fordyce J. Thomas...	1st Lieut.....	Keene.....	Jan. 8, 1909
	Nelson A. Crozier.....	2d Lieut.....	Keene.....	Jan. 8, 1909
"D"	Charles R. Blake.....	Captain .....	Nashua.....	Feb. 3, 1909
	Nelson Gendron.....	1st Lieut.....	Nashua.....	Feb. 3, 1909
	Alfred F. Gravelle.....	2d Lieut.....	Nashua.....	Jan. 19, 1909
"I"	Wilkie I. Elliott.....	Captain .....	Nashua.....	Mar. 2, 1910
	William H. Harwood..	1st Lieut.....	Nashua.....	Sept. 29, 1911
	Charles H. Powell.....	2d Lieut.....	Nashua.....	Sept. 29, 1911
"G"	Joseph Madden .....	Captain .....	Keene.....	Mar. 15, 1911
	James B. Duffy.....	1st Lieut.....	Keene.....	Mar. 15, 1911
	James J. White.....	2d Lieut.....	Keene.....	April 30, 1912



## THIRD BATTALION.

Major Oscar P. Cole, Commanding.

First Lieut. Burritt H. Hinman, Adjutant.

Second Lieut. Frank H. Fowler, Quartermaster and Commissary.

Co.	Name	Rank	Station	Date of Rank
"E"	Charles H. Colby.....	Captain.....	Concord.....	May 29, 1912
	Vacancy .....	1st Lieut.....		
	Peter Johnson .....	2d Lieut.....	Concord.....	April 30, 1912
"C"	Otis G. Hammond.....	Captain.....	Concord.....	May 15, 1911
	Jacob Conn.....	1st Lieut.....	Concord.....	May 2, 1911
	George W. Morrill.....	2d Lieut.....	Concord.....	May 15, 1911
"L"	George F. Cullet.....	Captain.....	Berlin.....	April 27, 1909
	Mark T. Wight.....	1st Lieut.....	Berlin.....	May 29, 1912
	Harlan J. Cordwell.....	2d Lieut.....	Berlin.....	May 29, 1912
"M"	Samuel H. Edes.....	Captain.....	Newport .....	Feb. 14, 1911
	Harry L. Hastings.....	1st Lieut.....	Newport .....	Feb. 14, 1911
	Vincent Brennon.....	2d Lieut.....	Newport .....	Feb. 14, 1911

## COAST ARTILLERY CORPS.

Organized April 27, 1909, from companies of Second Regiment disbanded.

Major Chauncey B. Hoyt, Commanding, Portsmouth, November 11, 1909.

First Lieut. Israel H. Washburn, Adjutant, Portsmouth, February 14, 1911.

First Lieut. Horace W. Locklin, Eng. Officer, Portsmouth, February 16, 1912.

Second Lieut. Clarence E. Rowe, Quartermaster and Commissary, Lakeport, April 27, 1909.

Co.	Name	Rank	Station	Date of Rank
"1st"	Frederic T. Harriman.....	Captain.....	Portsmouth...	Jan. 8, 1910
	Clarence P. Bodwell....	1st Lieut.....	Portsmouth...	Nov. 18, 1910
	William H. Naylor....	2d Lieut.....	Portsmouth...	Nov. 18, 1910
"2d"	Frederick W. Moore....	Captain.....	Laconia.....	Feb. 16, 1912
	Harry E. Gove.....	1st Lieut.....	Laconia.....	Feb. 16, 1912
	Charles D. Kenison....	2d Lieut.....	Laconia.....	Mar. 29, 1912
"3d"	Alvin E. Foss.....	Captain.....	Exeter.....	Oct. 12, 1904
	John H. Dudley.....	1st Lieut.....	Exeter.....	June 28, 1912
	Charles F. Blake.....	2d Lieut.....	Exeter.....	June 28, 1912
"4th"	Charles C. Crowley....	Captain.....	Dover.....	Nov. 18, 1910
	Edgar A. Davis.....	1st Lieut.....	Dover.....	Feb. 16, 1912
	Charles T. Dickson....	2d Lieut.....	Dover.....	Feb. 16, 1912

CAVALRY.

Organized October 17, 1872.

Station, Peterborough.

	Name	Rank	Station	Date of Rank
Troop "A"	Charles W. Jellison	Captain .....	Peterborough.	April 15, 1911
	Charles L. Rich....	1st Lieut.....	Peterborough.	April 21, 1911
	James H. Holden..	2d Lieut.....	Peterborough.	April 21, 1911

FIELD ARTILLERY.

Organized August 21, 1867. Reorganized March 27, 1886.

Station, Manchester.

	Name	Rank	Station	Date of Rank
Battery "A"	Edwin L. Towle.	Captain .....	Manchester...	June 2, 1910
	Frank J. Abbott.	1st Lieut.....	Manchester...	June 2, 1910
	Henry A. Worthen	1st Lieut.....	Manchester...	Nov. 19, 1910
	Lucius E. Hill...	2d Lieut.....	Manchester...	June 2, 1910
	George W. Upton	2d Lieut.....	Manchester...	Nov. 19, 1910

RELATIVE RANK OF OFFICERS.

No.	Name and Rank	Date of Commission	Corps or Regiment
BRIGADIER-GENERALS			
1	Tutherly, Herbert E.....	Jan. 17, 1911	The Adjutant-General, Chief of Staff.
2	Sullivan, William.....	Jan. 3, 1907	The Inspector-General.
3	Hardy, Frank A.....	Jan. 16, 1907	Commissary-General.
COLONEL			
1	Babbidge, Paul F.....	April 27, 1909	First Infantry.
LIEUTENANT-COLONEL			
1	Roby, Harley B.....	April 27, 1909	First Infantry.
MAJORS			
1	Howard, Charles W.....	Dec. 1, 1907	Adjutant-General's Dept.
2	Healy, Michael J.....	Nov. 3, 1903	First Infantry.
3	Cummings, Arthur F.....	Mar. 14, 1904	Ordnance Dept.
4	Piper, Ross L.....	April 29, 1905	Subsistence Dept.
5	Shaw, E. Ray.....	Dec. 4, 1906	Quartermaster's Dept.
6	Leach, Eugene W.....	Mar. 26, 1907	Judge Advocate's Dept.
7	Sullivan, William E.....	April 27, 1909	First Infantry.
8	Cole, Oscar P.....	April 27, 1909	First Infantry.
9	Hoyt, Chauncey B.....	Nov. 11, 1909	Coast Artillery Corps.
10	Pierce, Arthur J.....	Dec. 28, 1910	Inspector-General's Dept.
11	Pike, E. Bertram.....	Jan. 25, 1911	Governor's Staff.
12	Blake, Harold H.....	Jan. 25, 1911	Governor's Staff.
13	Johnston, Robert P.....	Jan. 25, 1911	Governor's Staff.
14	Carpenter, Ralph G.....	Jan. 25, 1911	Governor's Staff.
15	Wilkins, Russell.....	Jan. 30, 1911	Medical Dept.

## RELATIVE RANK OF OFFICERS.—Continued.

No.	Name and Rank	Date of Commission	Corps or Regiment
CAPTAINS			
1	Vannevar, John.....	Aug. 28, 1899	First Infantry.
2	Sherburne, Eugene T.....	Mar. 11, 1902	First Infantry.
3	Foye, Anthony J.....	May 7, 1906	First Infantry.
4	Ellis, Walter C.....	May 20, 1907	First Infantry.
5	Degnan, Michael H.....	June 14, 1907	Ordinance Dept.
6	Foss, Alvin E.....	Oct. 12, 1907	Coast Artillery Corps.
7	Guertin, Auguste.....	Dec. 11, 1907	Medical Dept.
8	Cain, Orville E.....	Jan. 8, 1909	First Infantry.
9	Blake, Charles R.....	Feb. 2, 1909	First Infantry.
10	Cullet, George F.....	April 27, 1909	First Infantry.
11	Flanagan, John P.....	May 7, 1909	First Infantry.
12	Harriman, Frederic T.....	Jan. 8, 1910	Coast Artillery Corps.
13	Elliott, Wilkie I.....	Mar. 2, 1910	First Infantry.
14	Towle, Edwin L.....	June 2, 1910	Artillery.
15	Crowley, Charles C.....	Nov. 18, 1910	Coast Artillery Corps.
16	Stevenson, Reginald C.....	Dec. 28, 1910	Pay Dept.
17	Talbot, Bertell L.....	Jan. 30, 1911	Medical Dept.
18	Edes, Samuel H.....	Feb. 14, 1911	First Infantry.
19	Leclerc, Sylvio.....	Mar. 7, 1911	First Infantry.
20	Madden, Joseph.....	Mar. 15, 1911	First Infantry.
21	Jellison, Charles W.....	April 15, 1911	Cavalry.
22	Hammond, Otis G.....	May 15, 1911	First Infantry.
23	Kelley, Edward J.....	Dec. 11, 1911	First Infantry.
24	Moore, Frederick W.....	Feb. 16, 1912	Coast Artillery Corps.
25	Ripley, Frank T.....	April 1, 1912	First Infantry.
26	Colby, Charles H.....	May 29, 1912	First Infantry.
27	Rouse, Herbert H.....	July 29, 1912	First Infantry.
FIRST LIEUTENANTS			
1	Parker, David W.....	Dec. 11, 1907	Medical Dept.
2	Thomas, Fordyce J.....	Jan. 8, 1909	First Infantry.
3	Gendron, Nelson.....	Feb. 3, 1909	First Infantry.
4	Fiske, George V.....	Jan. 25, 1910	Medical Dept.
5	Abbott, Frank J.....	June 2, 1910	Artillery.
6	Bodwell, Clarence P.....	Nov. 18, 1910	Coast Artillery Corps.
7	Worthen, Henry A.....	Nov. 19, 1910	Artillery.
8	Graves, Robert J.....	Jan. 30, 1911	Medical Dept.
9	Walker, Charles S.....	Jan. 30, 1911	Medical Dept.
10	Washburn, Israel H.....	Feb. 14, 1911	Coast Artillery Corps.
11	Hastings, Harry L.....	Feb. 14, 1911	First Infantry.
12	Elliott, G. Perley.....	Feb. 18, 1911	First Infantry.
13	Hinman, Burrirt H.....	Feb. 18, 1911	First Infantry.
14	Duffy, James B.....	Mar. 15, 1911	First Infantry.
15	Hickman, Harold W.....	Mar. 30, 1911	First Infantry.
16	Rich, Charles L.....	April 21, 1911	Cavalry.
17	Conn, Jacob.....	May 2, 1911	First Infantry.
18	Balcom, Everett M.....	June 8, 1911	First Infantry.
19	Harwood, William H.....	Sept. 29, 1911	First Infantry.
20	Conway, Thomas J.....	Dec. 11, 1911	First Infantry.
21	Davis, Edgar A.....	Feb. 16, 1912	Coast Artillery Corps.
22	Gove, Harry E.....	Feb. 16, 1912	Coast Artillery Corps.
23	Locklin, Horace W.....	Feb. 16, 1912	Coast Artillery Corps.
24	Hebert, Ubald.....	Mar. 13, 1912	First Infantry.
25	Wheeler, Edgar H.....	April 30, 1912	First Infantry.
26	McLane, Clinton A.....	May 21, 1912	Signal Corps.
27	Wight, Mark T.....	May 29, 1912	First Infantry.
28	Dudley, John H.....	June 28, 1912	Coast Artillery Corps.

RELATIVE RANK OF OFFICERS.—*Concluded.*

No.	Name and Rank	Date of Commission	Corps or Regiment
SECOND LIEUTENANTS			
1	Fowler, Frank H.....	Nov. 30, 1907	First Infantry.
2	Quinn, Martin O.....	May 20, 1908	First Infantry.
3	Crozier, Nelson A.....	Jan. 8, 1909	First Infantry.
4	Gravelle, Alfred F.....	Jan. 19, 1909	First Infantry.
5	Rowe, Clarence E.....	April 27, 1909	Coast Artillery Corps.
6	Hill, Lucius E.....	June 2, 1910	Artillery.
7	Naylor, William H.....	Nov. 18, 1910	Coast Artillery Corps.
8	Upton, George W.....	Nov. 19, 1910	Artillery.
9	Brennon, Vincent.....	Feb. 14, 1911	First Infantry.
10	Lynch, Patrick J.....	Mar. 28, 1911	First Infantry.
11	Degrenier, Oswald.....	Mar. 28, 1911	First Infantry.
12	Holden, James H.....	April 21, 1911	Cavalry.
13	Main, Matthew W.....	May 2, 1911	First Infantry.
14	Morrill, George W.....	May 15, 1911	First Infantry.
15	Powell, Charles H.....	Sept. 29, 1911	First Infantry.
16	Casey, Patrick.....	Dec. 11, 1911	First Infantry.
17	Dickson, Charles T.....	Feb. 16, 1912	Coast Artillery Corps.
18	Kenison, Charles D.....	Mar. 29, 1912	Coast Artillery Corps.
19	French, Frank R.....	April 30, 1912	First Infantry.
20	White, James J.....	April 30, 1912	First Infantry.
21	Johnson, Peter.....	April 30, 1912	First Infantry.
22	Cardwell, Harlan J.....	May 29, 1912	First Infantry.
23	Blake, Charles F.....	June 28, 1912	Coast Artillery Corps.

# RETIRED OFFICERS OF THE NEW HAMPSHIRE NATIONAL GUARD.

Name	Rank	Residence	Date of Retirement
Elbert Wheeler.....	Brigadier-General .....	Nashua .....	Jan. 28, 1902
Eugene M. Keyes....	Inspector-General .....	Keene .....	Jan. 25, 1904
Frank E. Rollins....	Major 1st Infantry.....	.....	.....
.....	Major 2d Infantry.....	.....	.....
.....	Lieut.-Col. by brevet..	Dover .....	Mar. 22, 1905
Frank H. Keenan....	Major 2d Infantry.....	Dover .....	April 3, 1905
Alfred L. Trenoweth	1st Lieut. 2d Infantry...	Concord .....	May 13, 1905
Julius C. Timson....	Lieut.-Col. 2d Infantry...	Claremont .....	Dec. 30, 1905
George M. Follett....	Major and Brig. Q. M....	Willimantic, Conn.	Dec. 4, 1906
George D. Waldron..	Brig.-Gen., Insp. Gen....	.....	.....
.....	Major-Gen. by brevet..	Concord .....	Jan. 3, 1907
Augustus D. Ayling..	Major-Gen., Adj.-Gen....	Centerville, Mass.	Jan. 3, 1907
Silas R. Wallace....	Captain of Battery.....	.....	.....
.....	Major by brevet.....	Lebanon .....	July 26, 1907
Charles E. Chapman	1st Lieut. Field Artillery	Manchester .....	Nov. 18, 1907
Charles B. Davis....	Captain Cavalry .....	.....	.....
.....	Major by brevet.....	Peterborough .....	Aug. 18, 1908
Frank A. Burnham....	Captain 1st Infantry.....	Milford .....	Dec. 8, 1908
Guy Pederzani.....	2d Lieut. 1st Infantry...	Nashua .....	Dec. 21, 1908
Eugene J. Stanton....	Captain 1st Infantry.....	Nashua .....	Feb. 3, 1909
Alfred W. Carpenter	1st Lieut. 2d Infantry...	Concord .....	Feb. 11, 1909
Edmund Tetley .....	Colonel 2d Infantry.....	.....	.....
.....	Brig.-Gen. by brevet..	Laconia .....	Mar. 8, 1909
Forrest M. Laraba..	2d Lieut. 1st Infantry...	Manchester .....	Mar. 16, 1909
Joseph M. Clough....	Brig.-Gen. ex-Brig. Com.	.....	.....
.....	Major-Gen. by brevet..	New London.....	April 1, 1909
Joab N. Patterson...	Brig.-Gen. ex-Brig. Com.	.....	.....
.....	Major-Gen. by brevet..	Concord .....	April 1, 1909
George M. L. Lane....	Brig.-Gen. ex-Brig. Com.	.....	.....
.....	Major-Gen. by brevet..	Manchester .....	April 1, 1909
Edward H. Currier..	Lieut.-Col. ex-Med. Di-	.....	.....
.....	rector, Col. by brevet..	Manchester .....	April 1, 1909
Jason E. Tolles.....	Brig.-Gen., Brig.-Comdr.	.....	.....
.....	Major-Gen. by brevet..	Nashua .....	April 27, 1909
Henry H. Jewell....	Major, Surg., Med. Dept.	Nashua .....	April 27, 1909
Charles A. Roby.....	Maj., Sub. Dept.....	.....	.....
.....	Lieut.-Col. by brevet..	Nashua ..	April 27, 1909
Robert S. Foss.....	Capt., Ord. Dept.....	Laconia .....	April 27, 1909
R. Emmet Walsh....	Lieut., Aide to Brig.-	.....	.....
.....	Commander .....	Manchester .....	April 27, 1909
James B. Crowley...	Lieut., Aide to Brig.-	.....	.....
.....	Commander .....	Nashua .....	April 27, 1909
Arthur G. Shattuck..	Col. 1st Infantry.....	.....	.....
.....	Brig.-Gen. by brevet..	Nashua .....	April 27, 1909
Trefle Raiche .....	Lieut.-Col. 1st Infantry...	.....	.....
.....	Col. by brevet.....	Manchester .....	April 27, 1909
Edward A. G. Smith	Major 1st Infantry.....	Manchester .....	April 27, 1909
Fred A. Foster.....	Lieut., Batt'l Q. M. and	.....	.....
.....	Com. 1st Infantry.....	Manchester .....	April 27, 1909
William B. Lang....	Lieut. 1st Infantry.....	Manchester .....	April 27, 1909
Charles H. Powell....	Lieut. 1st Infantry.....	Nashua .....	April 27, 1909
Charles L. Mason....	Lieut.-Col. 2d Infantry...	Concord .....	April 27, 1909
Walter G. Fuller....	Capt., Com. 2d Infantry...	Concord .....	April 27, 1909
Joseph G. Jones....	Lieut., Batt'l Adj. 2d	.....	.....
.....	Infantry .....	Concord .....	April 27, 1909
William H. Garvin..	Band 2d Infantry.....	.....	.....
.....	2d Lieut. by brevet..	Concord .....	April 27, 1909
John C. McGilvray..	Band 2d Infantry.....	.....	.....
.....	2d Lieut. by brevet..	Concord .....	April 27, 1909

RETIRED OFFICERS OF THE NEW HAMPSHIRE NATIONAL  
GUARD.—*Concluded.*

Name	Rank	Residence	Date of Retirement
Arthur F. Nevers....	Band 2d Infantry.....		
	2d Lieut. by brevet....	Concord .....	April 27, 1909
Oscar G. Pelkey....	Band 2d Infantry.....		
	2d Lieut. by brevet....	Concord .....	April 27, 1909
Harry D. Emerson..	Capt. 1st Infantry.....	Nashua .....	May 31, 1909
True, Sanborn.....	Col. 3d Infantry.....		
	Brig.-Gen. by brevet....	Chichester .....	Oct. 21, 1909
John D. Chapman...	Priv. 1st Infantry.....		
	2d Lieut. by brevet....	Keene .....	Dec. 8, 1909
Frank W. Brown....	Capt. 1st In antry.....	Concord .....	Dec. 27, 1909
Arthur H. Knowlton	Maj., Insp.-Gen.....		
	Lieut.-Col. by brevet..	Concord .....	Dec. 28, 1909
Charles K. Nichols..	Sergt. Cavalry.....		
	2d Lieut. by brevet....	Peterborough ....	Jan. 25, 1910
Calvin S. Brown....	Priv. Cavalry .....		
	2d Lieut. by brevet....	Bennington .....	Feb. 7, 1910
George R. Leavitt...	Maj. and Asst. Insp.-Gen	Lexington, Mass..	April 29, 1910
Herbert J. Marsh....	Priv. Artillery .....		
	2d Lieut. by brevet....	Manchester .....	April 29, 1910
Espy A. Hayes.....	1st Lieut. Artillery.....	Manchester .....	May 2, 1910
Albin Gustafson....	Captain Artillery .....	Manchester .....	June 2, 1910
John E. Hall.....	1st Lieut. Artillery.....	Manchester .....	Oct. 11, 1910
Harry B. Cilley.....	Maj.-Gen.....		
	The Adjutant-General.	Manchester .....	Jan. 5, 1911
Frank Giguere.....	Capt. 1st Infantry.....	Manchester .....	Mar. 8, 1911
Arthur E. Tinkham..	1st Lieut. 1st Infantry...	Manchester .....	Mar. 29, 1911
Charles H. Dutton...	Captain Cavalry .....		
	Major by brevet.....	Hancock .....	April 15, 1911
John T. Robertson..	2d Lieut. by brevet Cav.	Peterborough ....	April 21, 1911
Albert W. Spaulding	Capt. of Infantry.....	Concord .....	May 15, 1911
Michael Clougherty..	Capt. of Infantry.....	Manchester .....	Dec. 10, 1911
Stephen E. Hall.....	Capt. of Infantry.....	Concord .....	Dec. 10, 1911
Frank E. Russ.....	1st Lieut.....		
	Coast Artillery Corps..	Dover .....	Dec. 25, 1911
Charles P. Barnum..	1st Lieut. Infantry.....	Springfield, Mass.	Jan. 8, 1912
John E. Cuddy.....	Capt. and Com. 1st Inf.	Manchester .....	June 10, 1912

ACTIVE OFFICERS BREVETTED FOR CONTINUOUS SERVICE  
OF OVER FIFTEEN YEARS AS SUCH.

Name.	Brevet-rank	Date.
Brig.-Gen. William Sullivan.....	Major-General .....	June 25, 1907
Maj. Charles W. Howard.....	Colonel .....	June 15, 1910
Maj. Michael J. Healy.....	Lieutenant-Colonel ....	June 15, 1910





APPENDIX B.

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REPORTS OF INSPECTORS GENERAL



## REPORTS OF THE INSPECTORS-GENERAL.

STATE OF NEW HAMPSHIRE,

THE INSPECTOR-GENERAL'S DEPARTMENT,

MANCHESTER, April 25, 1911.

*The Adjutant-General, State of New Hampshire, Concord:*

SIR:—I have the honor to report that in compliance with G. O. No. 7, c. s., A. G. O., I have inspected the Coast Artillery Corps, N. H. N. G. I am pleased to note a general improvement in the care of clothing and equipments, in drill and in general knowledge of military duties by officers and men.

I would respectfully recommend that each company be required to keep a permanent record of drills in a book suitably arranged for the purpose, showing the nature of the work performed at each drill, the numbers present and absent and the aggregate. This information is always required by inspecting officers and is often lacking, particularly that regarding the nature of drill work performed during the year. I inspected the several organizations of the battalion separately and found conditions as follows:

HEADQUARTERS FIRST BATTALION, C. A. C., N. H. N. G.,  
PORTSMOUTH.

Inspected April 13, 1911.

Major *Chauncey B. Hyatt*, Commanding.

These headquarters occupy office rooms in the second story of a building on a main street of the city, which are suitable and convenient for the use required. The records were well kept.

## FIRST COMPANY, C. A. C., N. H. N. G., PORTSMOUTH.

Inspected April 13, 1911.

Captain *Frederick T. Harriman*, Commanding.

The enlisted strength of this company was fifty-seven. There were present for inspection fifty men and three officers; absent, seven men.

Four rifles were found to contain rust and dirt in the bores.

The lockers for clothing and equipment were inadequate, but efforts for the better care of such property were noted. A new storeroom was arranged for the care of the clothing and other equipment not in use in drills in the armory. Records of the company were well kept.

The average knowledge of guard duty was but fair, but this was accountable in great measure to the fact that a large number of recruits had recently been enlisted and had received but little instruction.

In close order drill the company showed an improvement over the work of last year. In extended order drill the second lieutenant asked to be excused from attempting a demonstration, as he feared his inability to carry it out. The company failed to give a satisfactory demonstration of extended order drill.

The captain reports thirty-two drills during the last year, with an average attendance of sixty-five percent.

## SECOND COMPANY, C. A. C., N. H. N. G., LACONIA.

Inspected, April 11, 1911.

Captain *Joseph H. Lavertue*, Commanding.

The enlisted strength of this company was fifty-six. There were present at inspection fifty-two men and three officers; absent, four men.

Books and records were found in good condition. All public property was carefully stored and well kept. The personnel of the company appeared to be good. The of-

ficers appeared energetic and enthusiastic in their work, and I am confident that under their supervision an improvement will soon be noted in drill work and in the general efficiency of the organization.

The armory accommodations were not satisfactory, but with repairs made upon the building these could be greatly improved. Conditions as found were unsanitary.

In knowledge of guard duty the men made a most commendable showing. The captain reported fifty-two drills within the last year. In drill the manual of arms was well executed. In marching, the men stamped their feet on the floor and in coming to "Order arms," they brought their pieces to the floor with a bang, a practice which should be discontinued.

Some unsteadiness was noted in the ranks, particularly when men thought the attention of their officers was diverted from them, and seized the opportunity to converse. The rifles were found in good condition, except that four rifles had pieces missing, as follows: One sight-leaf, one sight movable base, one firing pin (broken) and one safety lock thumb-piece. There was not a sufficient number of knives, forks and spoons on hand to supply the company. The obsolete black canteen and haversack straps were in use because the number of web straps and snaps on hand was not sufficient to supply the company. But forty-seven web canteen straps and twenty-seven snaps for these straps were on hand.

THIRD COMPANY, C. A. C., N. H. N. G., EXETER.

Inspected April 14, 1911.

Captain *Alvin E. Foss*, Commanding.

The enlisted strength of this company was fifty-three. There were present at inspection fifty-one men and three officers; absent, two men. Records were well kept. The captain reported thirty drills within the last year, with an average attendance of fifty-eight percent.

Rifles were found in very good condition, except that a



bolt was missing from one. Clothing and other equipments were clean and well kept, except that five buttons were missing from olive drab coats of men in ranks. Knowledge of guard duty was excellent. Drill was good, except in extended order work, where the corporals showed lack of familiarity with their duties as squad leaders. Also an unnecessary stamping of the feet was noted.

In turning on a fixed or moving pivot, the fourth command should be given when the last man arrives in his new position and not several seconds later, as is now the custom. (Par. 116-117, I. D. R.)

This company made the best appearance of any in the battalion, particularly in general knowledge of duty, care of equipments, etc. In my opinion, Captain Foss is one of the most efficient officers in the Coast Artillery Corps.

#### FOURTH COMPANY, C. A. C., N. H. N. G., DOVER.

Inspected April 12, 1911.

Captain *Charles C. Crowley*, Commanding.

The enlisted strength of this company was forty. There were present at inspection thirty-six men and three officers; absent, four men. As noted in previous reports, the armory and storage accommodations of this company are unsuitable. A noticeable improvement was manifest in the care of clothing and other equipments. Rifles were in good condition, except that three were found with magazine floor-plates missing, one with slide broken, one with drift slide missing, one with hand guard split, and one with safety lock thumb-piece missing. The gallery rifles contained rust and dirt in the bores and one had a broken firing pin. Eight oilers and thong cases were missing from rifles.

The captain reported forty-eight drills within the last year, with an average attendance of sixty-three percent. Records were well kept. It was noted that when the captain opened ranks, preparatory to inspection, he did not complete the movement by the command, "Front." Some

of the corporals did not appear to understand their duties as squad leaders in extended order work. Guard duty was only fairly well understood. In firing, the commands were not given properly, as the range should be named before the object. Men stamped the floor at the first step taken in movements, and when the short step or "Mark time" was taken up. Some unsteadiness in ranks was noted and some men persisted in talking in ranks. Tin cups should be placed in haversacks. The obsolete black canteen and haversack straps were used instead of the web strap. The officers appeared ambitious and enthusiastic and declared their hope to soon be able to improve the general efficiency of the company.

Very respectfully,  
WILLIAM SULLIVAN.  
*The Inspector-General, N. H. N. G.*

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STATE OF NEW HAMPSHIRE,

THE INSPECTOR-GENERAL'S DEPARTMENT,

MANCHESTER, June 19, 1911.

*The Adjutant-General, State of New Hampshire, Concord:*

SIR:—In compliance with General Orders, No. 11, c. s. A. G. O., I have the honor to submit the following report of the Inspection and Practice March of the N. H. N. G.

I was assisted throughout this tour of duty by the Assistant Inspector-General, Major Arthur J. Pierce. Arriving at Wilton, June 12, we found the Adjutant-General had prepared a good wagon train for the expedition. Considerable time was wasted in starting, due principally to the system of issuing the camp equipage and the loading of supplies.

The troops started for West Wilton, with the exception of Company L, at 12.50, in a drizzling rain, which continued intermittently for two days. The troops were joined at West Wilton by Troop A Cavalry, where camp was made, Company

L arriving later. A heavy rain fell during the night, but the men appeared none the worse for their first night's experience under shelter tents.

At eight o'clock on the morning of the thirteenth the march was taken up for Cunningham Pond, Peterborough. At this point the command was joined by Battery A, Field Artillery, which had marched from Manchester to Milford the previous day and camped at Milford for the night.

The Assistant Inspector-General inspected Battery A camp at Milford and noted the absence of any sentry at the picket line, also that the battery wore the khaki uniform, being contrary to orders.

On inspection of the camp at West Wilton after the troops moved out, we found the camp site poorly policed. The camp refuse, which included the hay used as bedding, being left in exposed piles, which were set on fire and left burning without guard, with the exception of Company E, which company left suitable guard until their fires were extinguished. The abandonment of the camp with fires burning is contrary to regulations, besides being a violation of our state laws. This condition of the camp was brought to the attention of the commanding officer after the troops had started on the march, whereupon he sent a detail under the command of the Quartermaster to remedy this condition. The commanding officer of Troop A, Cavalry, was ordered to see that fires must be extinguished before leaving camp. This order was ignored, as there were found three fires burning fiercely, threatening serious damage to woodland in the vicinity.

It was noted on the march that the Hospital Corps and Ambulance was at the extreme rear of the wagon train, this wrong position causing unnecessary delay in taking care of three men who had become exhausted.

Camp was made at Cunningham Pond, Peterborough, where the command was joined by Battery A.

On the morning of the fourteenth, the battery had range practice at a distance of 2,700 yards and showed a most creditable state of efficiency at target practice on this range. The

command left camp, marching to a point a mile beyond Peterborough, where camp was made.

Upon inspection of the camp at Cunningham Pond after the troops left, it was noted that the camp was not properly policed and two fires were left burning, with one sink left uncovered.

In the afternoon the troops were reviewed by the Commander-in-Chief, Governor Bass. The troops, with their transportation (for the first time demonstrating that they are fully equipped and ready for field service) passed in review. Immediately after this ceremony there was a competition in pitching shelter tents between the various units of the command, the deciding judges being officers of the United States Army on duty as instructors, who awarded the prize of \$100 to Company E, First Infantry. This contest showed the exact state of efficiency of the troops, which was considered good in this important duty necessary to making camp.

The morning of the fifteenth, the troops, with the exception of Battery A, marched to Dublin, camping on Monadnock Farm, No. 2, where the first muster for pay was held, Battery A excepted. Battery A took up the return march to its home station, camping at New Boston en route.

Inspection of the camp site at Peterborough after the departure of the troops revealed the outskirts of the camp to be in a most unsanitary and filthy condition, as it was apparent that there were no sinks provided for the infantry. The battery, cavalry and hospital corps sinks were found to be left in good condition.

It was also noted on inspecting the camp at Dublin that the sinks of the cavalry were covered too early before their departure, as the vicinity was left in an unhealthy condition. After the departure of the troops from Dublin, the grounds were found to be poorly policed, one fire burning, but a sufficient detail remained to remedy this condition.

June 16, from Dublin the march was taken to the fair grounds at Keene, where camp was made. During this and all other marches of the troops, the men demonstrated that

the personnel of the command is of an excellent standard, there being practically no straggling of either officers or men. All marches were made expeditiously and in good order.

The surgeons report practically no illness of a serious nature.

The subsistence supplied by the Commissary Department was the regular field ration, being cooked by the company cooks. It was ample, palatable and nutritious and appeared to be entirely satisfactory. In future marches it is respectfully recommended that the Commissary Officer and Quartermaster's Department send forward representatives to procure their supplies from the contractors, etc., so that if possible these supplies may be on the grounds and ready for issue on arrival of the troops.

It was found at each camp site, on inspection after departure of troops, that all commands had left all unused fuel supplied them, notwithstanding that part of this fuel was generally needed by the cooks to prepare their first meal at the next camp, and if carried would overcome loss of time waiting for a new issue. Each day it was noticed that the guard on the wagon train was unnecessarily large and that this guard generally rode on the wagon train with their full equipment. In a short time this condition of affairs would completely demoralize the transportation of the command, if allowed to be abused in this manner.

It was noted many of the cooks failed to carry rifles. In Company H the Quartermaster-Sergeant and cooks were without them.

June 17 the troops in camp were inspected. The Signal Corps was inspected at 7 A. M. The arms and equipment were found to be carefully kept and in good condition. The Cavalry was inspected at 745. The condition of the arms and equipment was good. The new equipment recently furnished completes the necessary equipment of this command, except horse covers.

The First Infantry was inspected at 8.30. The condition of the arms in the First Battalion was not generally found



to be in a satisfactory condition. In the Second and Third Battalions, while an improvement was noticed, it was found many bores contained rust and dirt. First aid packages were found missing from Companies F and K. Knowledge of guard duty was but generally poorly understood throughout the regiment. This lack of knowledge was manifest throughout the tour of duty.

It was noticed that there were a large quantity of hat cords and buttons missing from the uniforms of the men.

The Hospital Corps was inspected at 9.30. The condition of the clothing and equipment was found to be well kept and in excellent condition. This corps throughout the tour of duty has displayed a most commendable knowledge of their duties.

The inspection of the whole camp at Keene showed that, while sinks were dug, they were only used by part of the troops, as was apparently by the condition of the grounds in the vicinity of the sinks. This unsanitary condition of affairs in this and all other camping places during the tour of duty was noticeable. Enough importance has not been directed to the sanitary condition of the camps, and, should these conditions found be allowed to prevail for only a short period of days, it would undoubtedly impair the health of the entire command through the breeding of typhoid germs and camp fever.

The troops left for their home stations in good condition on the afternoon of the eighteenth, and the lessons taught should undoubtedly be of the greatest benefit to the entire National Guard, as they should have learned many valuable lessons in the duties of the soldier in the field.

Very respectfully,

WILLIAM SULLIVAN,

*Inspector-General, N. H. N. G.*



## STATE OF NEW HAMPSHIRE,

## THE INSPECTOR-GENERAL'S DEPARTMENT,

MANCHESTER, April 22, 1912.

*The Adjutant-General, State of New Hampshire, Concord:*

SIR:—In accordance with the requirements of General Orders, No. 4, c. s., A. G. O., I have the honor to report that I have personally inspected each organization of the National Guard of New Hampshire therein mentioned, with the exception of Company M, First Infantry, which was inspected by Major Arthur J. Pierce, Inspector-General. This officer also assisted me in all inspections where more than one organization was inspected in one evening.

The discipline and efficiency of the National Guard was demonstrated to be reasonably satisfactory, and, in all cases, discipline and efficiency were tested as far as the limited time at our disposal would allow. A general improvement was shown. The troops are fully armed and equipped and are ready to take the field in any emergency.

## STATE ARSENAL, CONCORD.

Inspected March 27, 1912.

The property of the state and United States stored in this building was systematically arranged and well preserved, and due care was taken to prevent injury by moths, rust, mildew or dirt. The building is reasonably secure against dampness and well guarded against theft.

## SIGNAL CORPS, NASHUA.

Inspected March 6, 1912.

There were present at inspection one officer and five men; absent, two men. One revolver was found with rust in the chamber. Field lanterns were not in serviceable condition. One heliograph was not serviceable, the adjusting screw needing repair. I recommend that these articles be turned in

to the Adjutant-General for repair and that material be issued for cleaning and preserving arms and equipments.

The drill regulations in use by the corps are obsolete. The storeroom for the care of property is ample, secure against theft and well arranged, with suitable lockers for the uniforms and equipment of each man. Clothing in the lockers was found to be infested with moths, as were also the blanket rolls carried at inspection. Two olive drab overcoats, four pairs of service breeches, three blouses, two blankets, one dress coat and two pairs of dress trousers were found to be damaged by moths. There were a number of blue overcoats which I recommend be turned in to the Quartermaster.

At the inspection, the men generally seemed indifferent, unsteady and careless of their personal appearance as soldiers. They appeared unfamiliar with their duties in taking intervals to unsling their blanket rolls, and in visual signalling it was demonstrated that but two or three men could intelligently send or receive messages. The commanding officer of the corps is a competent officer, but, owing to his removal to another city, he cannot be present to direct the drill or instruction of the corps. I recommend that the corps be disbanded or reorganized, as in its present state of inefficiency it would be of doubtful service to the National Guard.

No annual return of property was made in the year 1911. There were twenty-one drills held within the year. The clothing and descriptive book contained the names of but four of the enlisted men and other records were deficient.

#### HOSPITAL CORPS DETACHMENT, CONCORD.

Inspected March 28, 1912.

There were present at inspection one officer and nineteen men; absent, one man. Clothing and equipments were found in good condition and suitably cared for. The storerooms are of sufficient size and secure against theft and are fitted with lockers for each man. One uniform was found slightly damaged by moths. The blankets in general use by this

detachment are hospital blankets, which should be used for the sick in hospital. I recommend that regulation blankets be issued for the men, and that these blankets be reserved for hospital purposes.

I found in the storerooms one state medical chest and twelve web belts with suspenders and hooks. I recommend that these articles be turned in to the Quartermaster. One scabbard for hospital corps knife was found unserviceable. This should be turned in for repair. Three caps were found with broken bands over the visors. The commanding officer reported them broken when received from the Quartermaster. Both in drill and instruction the detachment showed a commendable knowledge of their duties. Books and papers were well kept. There were no entries in the state cash or correspondence books. During the year thirty-five drills were held, with an average attendance of fifteen.

#### HOSPITAL CORPS DETACHMENT, MANCHESTER.

Inspected March 29, 1912.

There were present at inspection one officer and twenty men; absent, four men. Clothing and equipments were mostly in good condition and well cared for. Two litters were unserviceable, the braces being broken. These are of old style and have been many years in use. Three service coats, two shirts, three pairs of breeches, two pairs of dress trousers were damaged by moths. This damage was done before the present commanding officer, Lieut. George V. Fiske, received the property. Three ponchos were found unserviceable from wear and tear. The storerooms are suitable for the care of property and are secure against theft. They are equipped with uniform lockers for each man.

There were missing from the hospital corps pouches, eight jackknives, two scissors, and one flask for spirits of ammonia. These articles were missing and the contents of the detached medical chest were mixed when the property was received by Lieutenant Fiske. I recommend that the mixed medical

contents be destroyed and that the chest be forwarded to the acting Surgeon-General to be refilled. The detachment is short in overcoats to complete its field service uniform. In drill and in general knowledge of their duties the detachment demonstrated a high standard of efficiency. Books and papers were found in good order. There was no state property book, no alarm list posted and no entries in state cash or correspondence books. The detachment held twenty-four drills during the year, with an average attendance of nineteen.

#### HEADQUARTERS, FIRST INFANTRY, KEENE.

Inspected April 5, 1912.

The books and records were found in good order and well kept. Property for which the Quartermaster is accountable and responsible was found in good condition and suitably arranged for preservation. One olive drab overcoat was found infested with moths and so damaged as to be unserviceable.

#### FIRST INFANTRY BAND, MANCHESTER.

Inspected April 2, 1912.

There were present at inspection one officer and twenty-four men; absent, three men. The men did not wear the olive drab shirts, and caps were worn instead of hats. Several shelter tent pins were missing. One haversack was unserviceable through fair wear and tear. The haversacks in use are of the style with hook attachments for the web belts. I recommend that these be turned in and replaced with haversacks with ring attachments for haversack straps. The clothing, both service, dress and blue, was infested with moths and badly damaged. No alarm list was posted. As musicians, the men demonstrated a high state of efficiency.

#### COMPANY A, FIRST INFANTRY, MANCHESTER.

Inspected April 3, 1912.

There were present at inspection three officers and forty-nine men; absent, ten men. Rifles were found in very good

condition, except that a number were nickel fouled. Clothing and equipments were in good condition, except that two blankets, one service coat and one pair of service breeches in the locker room had been damaged by moths. Six hat cords were missing from the service hats, two haversacks were unserviceable by reason of fair wear and tear, and fourteen tent pins were missing from blanket rolls. Records were in very good condition. No entries were made in the correspondence book.

Officers and men demonstrated a good state of efficiency in drill, both in close and extended order. The principal errors noted in the giving of commands by officers and non-commissioned officers was in the commands for loading and firing, target and range not being properly designated as required by Par. 135, 139 and 143, I. D. R. It was also noted that in extended order movements rifles were carried at "Right Shoulder" without order. The company was fair in knowledge of guard duty and the nomenclature of the rifle.

#### COMPANY B, FIRST INFANTRY, MANCHESTER.

Inspected April 3, 1912.

There were present at inspection three officers and forty-two men; absent, fourteen men. Six rifles contained rust in the bores and a majority contained nickel fouling. One rifle had a broken stock, the drift slide was missing from another and thirty-three sight covers were missing. Clothing and equipments in the locker room were well arranged and in good condition, except that twelve pairs of blue trousers, some of them worn, showed traces of the ravages of moths, and one dress coat, one service coat and two pairs of service breeches were damaged by moths. The property book and other papers were not brought up to date, owing to the fact that Captain Clougherty did not turn the company over to his successor, as ordered. The company held thirty-three drills within the year, with an average attendance of twenty-



five. Officers and men demonstrated a good state of efficiency in drill in both close and extended order. In volley firing, too little time was allowed for the men to get sight on the target before the command to fire was given.

COMPANY C, FIRST INFANTRY, CONCORD.

Inspected April 1, 1912.

There were present at inspection three officers and thirty-three men; absent, four men. The company was fifteen minutes late in forming for inspection and three men reported after the ceremony. Rifles were found in excellent condition and clothing and equipments were well cared for, except that slight traces of moths were found in the storerooms. Five hat cords were missing from the service hats. The company did not wear the service shirts, and did not carry the entrenching tools as a part of the equipment.

In guard duty and nomenclature of the rifle the men displayed a fair knowledge. They appeared unfamiliar with the principles of extended order drill and the non-commissioned officers showed themselves to be unfamiliar with their duties as squad leaders. In close order drill there was an unnecessary pounding of the feet and in turning on a fixed pivot, the guide of the company did not mark time. In loading and firing, the second lieutenant did not designate the ranges.

Books and records were found in excellent condition. The company had thirty-seven drills within the year, with an average attendance of thirty-one. I am confident that if a more liberal use of the armory was allowed the enlisted men of this company, better results would be obtained in recruiting, instruction and discipline.

COMPANY D, FIRST INFANTRY, NASHUA.

Inspected April 4, 1912.

There were present at inspection three officers and forty-five men; absent, ten men. Clothing and equipments were



well arranged in lockers and storerooms and were in good condition, except that clothing in three lockers showed traces of moths. One pair of service breeches was found unserviceable from wear and damage by moths; two haversacks were unserviceable by reason of fair wear and tear; seven hat cords were missing and a number of canteen corks were dry and should be replaced. Rifles were in excellent condition, except that some contained nickel fouling. One rifle was unserviceable by reason of a broken stock. No alarm list was posted, although the clerk and squad leaders were provided with lists. Books and records were in good condition. There was no entry in the correspondence book. Within the year twenty-six drills were held, with an average attendance of fifty.

The men displayed a fair knowledge of guard duty and the nomenclature of the rifle. In both close and extended order drill, officers and men displayed a good knowledge of their duties.

#### COMPANY E, FIRST INFANTRY, CONCORD.

Inspected April 1, 1912.

There were present at inspection one officer and forty-five men; absent, thirteen men. Books and records were in good order. The alarm list posted did not contain the residences of the men. Rifles were found in good condition, except that some contained nickel fouling, and ten rifles, stored in an arms chest, contained both nickel fouling and rust in the bores. The men did not wear the olive drab shirts. One shelter half was unserviceable, by fair wear and tear, and eleven tent pins were missing. The insides of many of the haversacks were in need of cleaning before again being used for carrying rations.

In extended order drill the non-commissioned officers did not properly understand their duties as squad leaders and the sergeants apparently could not give the proper commands to deploy their sections. In firing by volley the first lieutenant did not give the necessary command to set the sights.

At "Inspection Arms" the men generally did not glance at the chamber. Knowledge of guard duty and nomenclature of the rifle was fair.

The company had twenty-five drills within the year, with an average attendance of twenty-eight. I would recommend that a more liberal use of the armory be allowed the enlisted men. Officers and men complain that they are not allowed the use of the armory on Sundays and at other reasonable times.

COMPANY F, FIRST INFANTRY, MANCHESTER.

Inspected April 2, 1912.

There were present at inspection three officers and fifty-three men; absent, five men. A majority of the rifles contained nickel fouling and six contained rust in the bores. Three drift slides were missing and thirty-three rifles were without sight covers. One rifle was found with magazine spring and catch pin broken, and I recommend that this rifle be turned in to the Adjutant-General for repair. Clothing in the lockers was well arranged and cared for, but six pairs of service breeches and six olive drab shirts were unserviceable through damage by moths.

Books and records were found well kept. The company had thirty drills within the year with an average attendance of forty-two.

The company displayed a good knowledge of guard duty, but only a fair knowledge of the nomenclature of the rifle. Efficiency in drill was shown and a good knowledge of general duties. In loading and firing, the officer did not designate the target before or after announcing the range. Both black and russet shoes were worn. One shelter half was found unserviceable through fair wear and tear and five tent pins and three hat cords were missing.

## COMPANY I, FIRST INFANTRY, NASHUA.

Inspected April 4, 1912.

There were present at inspection three officers and fifty-two men; absent, five men. The lockers and storeroom were found to be exceptionally well kept and the clothing and equipments exceptionally well cared for. Rifles were found in excellent condition, except that a few contained nickel fouling. One rifle was unserviceable because of a broken stock and two canteens and four haversacks were found unserviceable through fair wear and tear. Books and records were well kept. No entry was made in the correspondence book and no alarm list was posted, although there was such a list in the hands of the squad leaders and company clerk.

The company demonstrated a good knowledge of guard duty and a fair knowledge of the nomenclature of the rifle. In drill, in both close and extended order, officers and men showed a good knowledge of their duties. The records showed twenty-six drills during the year, with an average attendance of fifty-one.

## COMPANY K, FIRST INFANTRY, MANCHESTER.

Inspected April 2, 1912.

There were present at inspection three officers and forty-eight men; absent, fourteen men. The captain stated that he had forwarded the discharges of eight of the fourteen men absent. Rifles were not generally found to be in a satisfactory condition. Many contained nickel fouling in the bores and five contained rust. Drift slides were missing from seven rifles and the windage screw was broken on one. The stock of one rifle was split and broken and I recommend that this rifle be turned in to the Adjutant-General for repair.

Clothing was found to be well arranged and in good condition, except that the sleeves of two service coats were torn, ten hat cords were missing, seventy pairs of surplus leggings were of old style and seventeen pairs of old blue trousers

barrel; the trigger of another was filed to a dangerous point; the sling was missing from another, and the sights were broken on eight rifles. One haversack was unserviceable through fair wear and tear, and one olive drab shirt, two pairs of service breeches and three pairs of dress trousers were so worn and moth-eaten as to be unserviceable. But eight hundred rounds of reserve ammunition was on hand.

The existing storage facilities of the company are inadequate and unsuitable for the proper storage of uniforms and equipments. The storeroom is small and dark and will not permit of the proper arrangement of property for preservation. The lockers of the men are also unsuitable for the preservation of uniforms and equipments, and for this reason the men are permitted to remove their uniforms from the armory.

All money received for armory rent by this company is turned into the treasury of the Keene Light Guard, composed of Companies G and H, and a common treasurer is elected to receive and disburse the funds of the joint organization. I examined the books of this treasurer and found that all money received from the state by Companies G and H for armory rent and maintenance was properly accounted for and vouchers were exhibited for all payments for armory maintenance.

The record of attendance at exercises book did not show the nature of drills performed. No alarm list was posted. Otherwise the books and records were well kept. During the year thirty-one drills were held, with an average attendance of fifty-one.

The men displayed a good knowledge of guard duty and both officers and men demonstrated a good knowledge of both close and extended order drill. An unnecessary stamping of the feet was noted and the men brought their rifles to the floor too heavily at the command, "Order Arms."

## COMPANY G, FIRST INFANTRY, KEENE.

Inspected April 5, 1912.

There were present at inspection two officers and forty-five men; absent, eleven men. The rifles showed lack of proper care and a number contained rust in the bores. The sight was missing on one and the cut-off broken on another. Clothing and equipment was as well cared for as could be expected, as the storage facilities of this company are entirely unsuitable and insufficient for the proper arrangement and care of uniforms and equipments. For this reason the men are permitted to remove their uniforms from the armory. Two first-aid packages and three hat cords were missing. Old towels were found in several haversacks.

No entries were found in the attendance of exercise book. Otherwise the books and papers appeared well kept. The records showed twenty-two drills within the year, with an average attendance of thirty-three. No alarm list was posted. The cash book showed that all moneys received for armory rent and maintenance were turned over to the treasurer of the Keene Light Guards, and upon examination of the accounts I found that all moneys received by Captain Madden were properly expended for the rent and maintenance of the armory.

The company displayed a fair knowledge of guard duty and the nomenclature of the rifle, and officers and men showed a good knowledge of their duties in drill. There was unnecessary stamping of the feet and banging of the rifles on the floor.

## COMPANY H, FIRST INFANTRY, KEENE.

Inspected April 5, 1912.

There were present at inspection three officers and fifty-one men; absent, four men. Rifles were generally in good condition, except that some contained nickel fouling in the bores. One rifle was unserviceable because of a defective



packed in a box, were found unserviceable through damage by moths. Books and records were in fair condition, except that there was no entry in the state cash book and the payroll for inspection in 1911 was not on file.

The men displayed a good knowledge of guard duty, but were deficient in the nomenclature of the rifle. In close and extended order drill, officers and men displayed a good knowledge of their duties. In the loading and firing exercise the first and second lieutenants did not designate the targets before or after announcing the range. The records showed twenty-seven drills during the year, with an average attendance of thirty-nine.

COMPANY L, FIRST INFANTRY, BERLIN.

Inspected April 10, 1912.

There were present at inspection three officers and forty-seven men: absent, eight men. The rifles were generally clean, except for nickel fouling, but five were found badly rusted in the bore. The sights were broken on two rifles and one rifle was found with a broken stock. Overcoats and blankets were packed in boxes and were found in good condition. Other clothing and equipments were stored in open individual lockers. The storeroom is ample and appeared free from dampness and reasonably secure against theft. One olive drab shirt, two ponchos, two shelter halves and twenty-seven old-style campaign hats were found unserviceable through fair wear and tear. The articles were acted upon by a board of survey. The service hats were marked with the company letter stenciled on the rim. One service coat was found slightly damaged by moths.

The corks in nearly all the canteens were leaky and unserviceable and should be replaced. Twelve canteens contained water, evidently placed there last year, and the canteens were badly rusted. Books and records were in good condition, except that there was no entry in the cash book. The men displayed a fair knowledge of guard duty and the



nomenclature of the rifle, but in close order drill they did not seem familiar with their duties. This was particularly noticeable in loading and firing, the commands of officers being taken from the obsolete drill regulations. In the extended order work, many of the non-commissioned officers and men demonstrated that they were not familiar with their duties. It was noticed through all the drill of the company that the file closers, with the exception of the officers, failed to assist in correcting errors, as it is their duty to do.

### COAST ARTILLERY CORPS.

HEADQUARTERS, STAFF AND NON-COMMISSIONED STAFF,  
PORTSMOUTH.

Inspected April 15, 1912.

Books and records were well kept. All clothing and equipments were well cared for and were in good, serviceable condition.

FIRST COMPANY, COAST ARTILLERY CORPS, PORTSMOUTH.

Inspected April 15, 1912.

There were present at inspection three officers and thirty-seven men; absent, thirteen men.

Rifles in the hands of the men were found in good condition. Of the rifles stored in the gun-rack and not in use, six were found to contain rust in the bores.

The men displayed a good knowledge of guard duty and the nomenclature of the rifle. Close order drill was well executed, but in the extended order exercise the non-commissioned officers and men did not properly understand their duties.

Books and records were well kept. The company had forty-five drills during the year, with an average attendance of thirty-two.

Clothing and equipments were found to be carefully kept and in good condition. The storage facilities are poor.

Lockers now in use are not of sufficient size and therefore cannot be suitably arranged for the proper care of the equipment of the soldiers. Clothing and equipment not in the lockers of the men were stored in a room too small to permit of convenient arrangement for issue to the men. If suitable lockers were built in the drill hall, this room would be ample for the storage of equipments and clothing held in reserve by the company.

SECOND COMPANY, COAST ARTILLERY CORPS, LACONIA.

Inspected April 11, 1912.

There were present at inspection three officers and fifty-three men; absent, six men. Rifles were found in very good condition, except that two contained rust in the bores and a few contained nickel fouling. The sight leaf was broken on three rifles and the cut-off on one.

Clothing and equipments stored in the locker-room were found in good condition and carefully kept. The lockers are suitable for the care of each man's uniforms and equipment and the storeroom is of sufficient size for the care and orderly arrangement of the property. It appears free from dampness and reasonably secure against theft.

The company records were carefully kept. They showed forty-four drills within the year, with an average attendance of thirty-five. No recruiting detail was appointed and no alarm list was posted in the armory. The company had 1,200 rounds of ammunition on hand.

The property included one state non-commissioned officer's sword and one forage cap. These articles are to be turned in to the Adjutant-General. Two first-aid packages were open.

The company demonstrated a good knowledge of guard duty and nomenclature of the rifle. In close order drill, officers and men showed a good knowledge of their duties, but the captain asked that the company be excused from a demonstration of extended order work, as it had received no instruction in that line.

## THIRD COMPANY, COAST ARTILLERY CORPS, EXETER.

Inspected April 16, 1912.

There were present at inspection two officers and forty-seven men; absent, five men.

Rifles were in excellent condition, except that a few had nickel fouling inside the bores and one was found with a broken bolt.

The men did not wear the olive drab shirts and three men wore low shoes. Hat cords were missing from eight hats. Fifteen guy ropes were missing from shelter halves.

The men displayed a thorough knowledge of guard duty and a fair knowledge of the nomenclature of the rifle. Close order drill was well executed and in the extended order exercises both non-commissioned officers and men demonstrated that they were familiar with their duties.

Books and records were well kept. The company had thirty-three drills during the year, with an average attendance of twenty-five. The alarm list was not posted, but was in the hands of the non-commissioned officers.

The clothing and equipments of the company were carefully stored and were commendably clean and in good, serviceable condition, except that there were on hand forty-one campaign hats and two pairs of dress trousers (surplus), which were worn out in service.

The company has installed new lockers, which are conveniently arranged to hold the clothing and equipments of each soldier. These lockers are situated in a large room, which is sufficient to accommodate all the men when changing their clothing for drill. The storeroom for the care of property on hand and not in actual use by the company is of sufficient size, free from dampness and reasonably secure against theft.

## FOURTH COMPANY, COAST ARTILLERY CORPS, DOVER.

Inspected April 12, 1912.

There were present at inspection three officers and forty-one men; absent, three men. Rifles were found in excellent condition, except that six had nickel fouling in the bores. Screws were missing from two drift slides and the floor-plate of one magazine was broken. Corks were missing from four canteens and the salt, sugar and coffee bags were missing from twelve haversacks.

Clothing and equipments were found well cared for and in good condition. The company has purchased and installed fifty-four new steel lockers in the drill hall for the clothing and equipments of the men. Clothing and equipments not in use are kept in two small storerooms that are of sufficient size for them and which are free from dampness and secure against theft.

Books and records were in excellent condition. These showed that the company had held forty-seven drills during the year, with an average attendance of thirty-two.

The company showed a good knowledge of guard duty and the nomenclature of the rifle. In the extended order drill, the non-commissioned officers displayed a poor knowledge of their duties.

The officers and men of this company are entitled to commendation for the successful effort made by them in reforming the lax methods which formerly prevailed in this organization and in providing for the proper care of clothing and equipments issued them.

## BATTERY A, FIELD ARTILLERY, MANCHESTER.

Inspected April 19, 1912.

There were present at inspection five officers and ninety men; absent, eleven men.

Clothing and equipments stored in the lockers were found in good condition, except that five service coats were dam-

aged about the pockets by mice and one dress coat was unserviceable through damage by moths. Twenty-five pairs of dress trousers (surplus), mostly old and worn, were moth infested and unserviceable and seven canteens were in unserviceable condition. The battery guidon is worn and tattered and should be replaced with a new guidon. Hat cords were missing from eight hats.

Many of the men appeared at inspection with dirty leggings and spotted clothing. The Quartermaster-Sergeant did not wear chevrons. Many of the revolvers were missing from the armory on the day of inspection, as the battery had target practice on the previous day and the men had their revolvers at their homes. The revolvers were inspected April 20, and ninety-eight were then found in the rack at the armory. They were in good condition, with the exception of one, which had a broken sear spring and another, which was rusty.

The harnesses were carefully arranged and were covered with cloth as a protection from dust, but apparently received no other care or attention, as some of them were dry and covered with mildew. It was apparent that no effort had been made to prepare them for inspection.

The battery did not comply with G. O. No. 4, A. G. O., Par. II, Sect. (d). No person was designated to assist the United States inspecting officer upon his arrival. The Quartermaster-Sergeant reported for a short time, but could not remain. Lieutenants Abbott and Upton were found later and assisted, setting men to work to arrange the property for inspection.

The guns, caissons and limbers were not found prepared for inspection. The grease had not been removed, so that the condition of the bores could be noted. In the caissons, the pintles were dry and the tubes dirty. Two fuse setters were missing from one caisson. Three pintle springs were worn out. On one gun the piston was rusty under the packing head of the cylinder. Oil in cylinders was stale and should be removed. There was no oil on hand for this use. Oil

holes were dry. Rust was found in one breach recess. Traverse and elevating gears were covered with dust, and in most cases were dry. Traces of rust were found in breach and extractor of two guns. Ten drill cartridges were unserviceable. Some definite arrangement should be made to provide for the proper care of the harnesses, guns and equipments of the battery. Constant care and attention is imperative, and an experienced person should be employed for this purpose. Until a special allowance is granted for this purpose but indifferent care can be expected.

The records of the battery were found in good order. They showed that thirty-three drills were held during the year, with an average attendance of seventy-two.

The men displayed a good knowledge of guard duty and in drill non-commissioned officers and men demonstrated that they were familiar with their duties.

#### TROOP A, CAVALRY, PETERBOROUGH.

Inspected April 18, 1912.

There were present at inspection three officers and forty-eight men; absent, ten men.

Clothing and equipments were carefully kept and in good condition. There is no room available for storage purposes. Clothing and equipments were stored in the drill room. Some of the property was packed in boxes and some was arranged in loose piles on the floor. This method of storing property is not satisfactory, but the commanding officer informed me that conditions will soon be remedied, as the troop will move into new quarters about June 1, where there will be ample storerooms suitably arranged for the preservation of clothing and equipments. One service coat was damaged by moths.

Rifles were found in fair condition. Four contained rust in the bores and a number were imperfectly cleaned. One rifle was unserviceable through a damaged bore and the windage screw was missing from another. Revolvers were in good



condition, with the exception of two, in which the lock mechanism was deranged. These should be turned in for repair. The guidon of the troop is worn and tattered and should be replaced with a new guidon. Two canteens were found in unserviceable condition. The men did not carry the first-aid packages on their belts at inspection.

The books and records were well kept, except that there was no entry in the state cash book. The troop held thirty-seven drills during the year, with an average attendance of twenty-nine. In knowledge of guard duty, the troop was good. Close order drill was well executed, and in the extended order exercise, non-commissioned officers and men displayed a good knowledge of their duties.

#### GENERAL OBSERVATIONS.

Company commanders should give more attention to instruction in the nomenclature of the rifle, loading and firing, fire direction, fire control and fire discipline. In tests at inspection in loading and firing, officers generally gave such commands as were given in the obsolete drill regulations. A common fault with nearly all officers was in allowing too little time for aiming. After the command, "Company Aim," which was usually given in a short, sharp tone, the command, "Fire," would follow in a second, not allowing the men time to find the object through the sight or to steady the rifle, therefore rendering ineffective the fire of the company. The command, "Company Aim," should be drawn out so as to allow sufficient time for the men to find the object aimed at before the command, "Fire," is given. The men should be informed in the nomenclature of the rifle, particularly in that pertaining to the breech mechanism.

Improvement was noted in the care of the rifles, yet, with the facilities provided by the Adjutant-General in the way of cleaning materials and other appliances provided, better results should be demanded and obtained.

Many of the haversacks were found with their insides soiled and greasy and the small bags for carrying coffee, sugar and

salt were unclean. Some of the men carried clothing and toilet articles in their haversacks. The haversacks should be kept clean at all times in readiness for carrying the lunches and rations of the soldiers.

The corks in many canteens were found unserviceable and should be replaced.

Musicians who use the web belts were not provided with suspenders for those belts.

Company commanders should exercise better supervision over their quartermaster-sergeants and see that the latter better perform their duties relative to the care of uniforms and equipments in storage and not in use by the men. Where uniforms are stored, the greatest damage is done by moths. Unless protected by some form of moth preventative, olive drab and blue woolen uniforms will invariably be damaged by moths when stored away.

Some of the company commanders use the clothing and descriptive book and others use the blank forms issued to replace this book. I would recommend that a uniform system be adopted.

The property books now in use are too large and unwieldy and are not convenient for the proper entry of property accounts. Some system less wieldy could easily be devised and would be appreciated by officers who use the book.

Sight covers were missing from about one half the rifles examined. The sights are of delicate construction and can easily be injured. They should be protected by sight covers at all times. The company commanders reported that the missing covers were lost or broken.

The shoes worn by enlisted men were not uniform in style or color, being about equally divided between black leather and russet.

One of the greatest faults apparent in the instruction of the troops was due to the lack of confidence on the part of the non-commissioned officers in their ability to give necessary commands for the prompt execution of movements. I am of the opinion that the schools of instruction for officers

and non-commissioned officers are neglected, or that they are not properly conducted. Otherwise these non-commissioned officers would have more confidence in their ability to command their squads or sections.

In a number of organizations, web belts, suspenders and leggings were found inexcusably dirty. It did not appear that any attempt had been made to cleanse them.

Many olive drab uniforms were found spotted with stains and grease. They could be cleaned with little trouble and would not only appear better, but would wear longer.

It was noted that a majority of officers, in giving orders for loading and firing, designated the distance on short ranges where the battle sight is used with the present rifle and where no adjustment of the sight is required.

Very respectfully,

WILLIAM SULLIVAN,  
*Inspector-General, N. H. N. G.*

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BENNINGTON, April 18, 1912.

*The Inspector-General, New Hampshire National Guard,  
Manchester:*

SIR:—In accordance with General Orders, No. 4, S. O. A. G. O., I herewith report that I inspected Company M, First Infantry, N. H. N. G., at Newport April 9.

The company arrived twelve minutes late at the town hall, having present three officers and thirty-seven men out of a strength of three officers and fifty-six men. The men omitted to wear their intrenching tools.

It was found that the rifles are well kept and showed that much work had been done to put them in good condition. These rifles showed a lot of nickel fouling and old rust that has been in the bores for some time, and were apparently received by the present company commander in this condition. It would be impossible to shoot the majority of them with any degree of accuracy and it is recommended that they be turned in and new ones issued in exchange.

There were found missing twelve drift slides and a number of front sight covers, which should be immediately replaced.

It was also found that a large number of the haversacks were more or less rotten and weakened through age as well as wear and tear in service.

This criticism is also true with relation to the canteens, the corks not fitting and the canteens not being in good condition for field service. I recommend that new haversacks and canteens be issued to the whole company.

I also found unserviceable one poncho, four shelter tent halves, one olive drab shirt, one olive drab blouse and three pairs of blue trousers. The remainder of the clothing appeared to be in good condition and free from moths.

It is noted that the company during the year drilled in their dress uniforms.

The overcoats, with one or two exceptions, which could be easily rectified, fit fairly well.

It was found the general knowledge of the rifle was very elementary but that their knowledge of guard duty, with the exception of a few recruits, was good.

During the Manual of Arms it was noted at the command, "Inspection Arms," few of the men glanced at the chamber, and in coming from left to right shoulder the execution was not properly carried out.

In extended order work, the non-commissioned officers showed they had drilled more or less in this important work.

The commands as to loading and firing were given correctly, except that the two lieutenants omitted the command, "Simulate," when it should have been given. It was noted, however, that when the sight was given at five hundred yards, not more than half of the men in one platoon set the sight accordingly.

The books and correspondence were found to be kept up, but it is suggested a more methodical way of filing general orders would be advisable.

During the year 1911 the company had thirty-two drills, with an average attendance of twenty-seven.

Respectfully,

ARTHUR J. PIERCE,  
*Major and Inspector-General.*

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April 25, 1912.

*The Adjutant-General, State of New Hampshire, Concord:*

SIR:—I have the honor to report that, in compliance with instructions, I made the inspection of the Machine Gun Company at Franklin on the evening of April 19, 1912.

Total enlisted, forty-five; present for duty, forty-four enlisted, three commissioned. The absence of the enlisted man was due to sickness.

I consider the personnel of the company excellent, but, of course, it being a new organization, the general appearance and drill were in many particulars faulty, but, taking into consideration the short time in which the officers and men had had opportunity for drill, I thought the work was exceptionally good.

The Quartermaster and commissary supplies, being of recent issue, were in excellent condition, with the exception of the haversacks. These, to all appearances, had been taken from supplies discarded and were not in keeping with the rest of the equipment.

I would recommend that new and up-to-date haversacks be furnished this command.

I have the honor to state that I believe that within a reasonable time this company will be first-class in every particular.

Very respectfully,

HARLEY B. ROBY,  
*Lieutenant-Colonel,*  
*Acting Inspector-General.*

## STATE OF NEW HAMPSHIRE,

## THE INSPECTOR-GENERAL'S (DEPARTMENT,

BENNINGTON, July 1, 1912.

*The Adjutant-General, State of New Hampshire, Concord:*

SIR:—In compliance with General Orders, No. 15, c. s., A. G. O., I have the honor to submit the following report of inspection of the camps of instruction and maneuvers of the New Hampshire National Guard, concentrating at Weare Center.

Troop A left Peterborough 10.45 on morning of June 10, arriving at Greenfield at 12.45, making camp there for the night. The troop left Greenfield the following morning, arriving at Waldo's Farm, near South Weare, at 12.30, making camp.

The First Battalion, First Infantry, left Manchester at 8.50 the morning of the 10th, arriving near Gregg's Falls, east of Goffstown, at noon, where camp was made. This battalion marched at 9 o'clock the following morning, arriving at the Eastman farm, near South Weare, at noon, and camped there.

The Second Battalion detrained at Greenfield, leaving there the morning of the 10th, arriving at Francestown at noon, where camp was made. This battalion left Francestown the following morning at 8.15, arriving at Waldo's Farm, South Weare, at 11.30, and camped there.

The Third Battalion and Machine Gun Company of Franklin left Concord at 12.30 on the 10th, making their first camp at Paige's Corner, Dunbarton. This battalion left Paige's Corner the following morning, arriving at Weare Center at 1 o'clock.

Battery A left Manchester at 7.45 the morning of the 10th, making camp after an eleven-mile march at the Greer farm, two miles northeast of Dunbarton, at 1.30. It left camp 8.45 the following morning, arriving at Weare Center at 2.30 after a ten-mile march.



The Signal Corps detrained at Greenfield June 10, marching directly to Weare Center, arriving in the afternoon.

On the morning of the 12th the following maneuvers were carried out, it being understood that the Third Battalion, Machine Gun Company and Battery A constitute a Red Army, which the previous day had been ordered to guard the base of supplies at Weare Center, while the First and Second Battalions, with Troop A, constituting a Blue Army, are separated by about three miles at South Weare. The Red Army, now under command of Lieutenant-Colonel Roby, is informed that Blue forces are north of Francestown and that their cavalry is active on its left flank. Colonel Roby is ordered by his brigade commander to take his command northeast of South Weare, being informed that reinforcements are on the way to relieve him. With this in view, the Red Army left Weare at 7.45 in the morning and took up a strong defensive position about two miles north of its supply depot. The Second Battalion, under Major Sullivan, marching on South Weare, were soon discovered by the artillery and its advance guard was fired upon and checked by indirect fire. The Second Battalion are here reinforced by the First Battalion, under Major Healy. The Battery had previously been ordered to withdraw and take up a defensive position at a point above North Weare, while the Third Battalion and Machine Guns covered the retreat. At this point a flanking movement, under Major Healy, compelled the infantry of the Red Army to fall back. The maneuvers of the day were well carried out and conformed with the different orders given, except that Company F of the First Battalion was in South Weare long before this battalion should have advanced. This misunderstanding of orders delayed the maneuvers somewhat until this company could be marched back to join its command.

Throughout the various units, while some twenty rounds of blank ammunition was issued, it was found that the men obeyed the orders of their officers with regard to firing and showed good morale in this respect, so that nowhere near the amount of ammunition issued was expended.

At noon on June 12 all of the troops were in camp at Weare.

The location of the camp was a good one, and while there was no immediate large source of water supply, a cart supplied water each day in ample quantity. The camp site of headquarters of the troops, while a beautiful and sightly location, was situated too far from the various units of the command for a camp of instruction.

#### SANITARY CONDITIONS.

On inspecting the camp of the Third Battalion at Paige's Corner, this battalion is to be commended on the condition in which it left its camp. The camp site was excellently policed, the sinks covered and well taken care of. This battalion, during the four days at North Weare, at all times has kept its camp in good condition, well policed, its tents with a degree of uniformity in placing the equipment, clothing, etc. The sinks each day were found to be in a most satisfactory condition, and enough of them. Store tents were well policed and taken care of. Incinerators were well built and utilized to the full advantage. With reference to this battalion, this statement includes the Machine Gun Company which was with it. This company had good discipline and the men showed a pride in their work. The sanitary conditions in the First and Second Battalions at Waldo Farm and Eastman Farm, respectively, were satisfactory. At Weare they were not as good as they should have been, everything considered. At this point it was noticed only two sinks were provided for each battalion. These sinks were only burned out once a day, and apparently one day were not touched. They were neither deep enough nor long enough, and they were not sanitary or well taken care of. The First Battalion the first day at Weare, everything considered, was not well policed, but an improvement was noticed throughout the week. The same may also be said of the Second Battalion, with the exception of Company H of Keene, being well policed each day. The camp of Troop A at each point was well

policed and the sanitary arrangements taken care of. It was noticed in this organization that the men are anxious to take advantage of their experience and learn what they can. The camp of the Battery, as well as the Signal Corps, was found to be in a satisfactory condition each day.

#### DRILL.

The various commands drilled morning and afternoon while at Weare Center. In the Infantry much time was wasted in close order drill. In extended order, it was apparent that there is not enough instruction in this work at the home stations of the various companies. Non-commissioned officers and men should be more conversant with their duties, so that when they are in the field there can be more snap and quickness in their work. During the drill the companies did not drill long enough at one time and too much time was wasted in resting, which, when it was considered the weather was cool, was unnecessary. It should be remembered by the battalion commanders that in extended order the company is the largest unit and that the duties of the commander of a battalion are those of an instructor, or that they give instruction by tactical orders only.

#### RATIONS.

In cooking, it was found that there was more or less lack of knowledge on the part of the cooks as to just what constitutes a ration. They apparently consider when they receive a given amount of food they do not have to cover any definite length of time, but that more could be procured just as soon as the supply they had ran short. Company officers should look into this more carefully and some instructions should be given to the cooks about preparing the rations. Some cooks wasted coffee, while Company A, First Infantry, made excellent coffee with half the quantity that other organizations used.

## MILITARY COURTESY.

It was found, generally speaking, throughout the Infantry and Cavalry, that a great improvement is noticed with regard to military courtesy over former years. It may not be that saluting, etc., was always done in the correct way, but it showed that the intention was good, and very little instruction on the part of the officers would be a considerable help, as it is evident that the men themselves wish to do the right thing in this respect.

During the encampment at Weare it was noticed that the Battery only once fired at Reveille and once at Retreat during the four days, being contrary to general orders covering the daily routine of the camp.

## MUSTERING.

The troops each day were mustered for pay, and it was distinctly understood that they would be mustered at 4.45. This time was, however, changed without the mustering officers being notified, and it made it more or less difficult on account of ununiformity in time of mustering. It seems advisable in future that the commanding officer state a definite time for mustering for pay and have this time adhered to.

## SIGNAL CORPS.

This organization, while comparatively new, only having been organized a few weeks, showed eagerness for instruction, drilling each day and doing what they could to learn throughout the week. The personnel of this command was good and, with what experience they have had, it did good work. It is recommended in future camps that a United States Army officer, or some officer familiar with this work, be detailed to the Signal Corps alone.

## DISCIPLINE.

Throughout the week discipline of the men was good. There was little straggling while marching and complaints as

to behavior of the enlisted men to their officers by people along the several routes of march were unknown.

On June 14, in compliance with Special Orders, No. 33, c. s., A. G. O., all the troops, with their transportation, were reviewed by His Excellency Governor Robert P. Bass in full field equipment, the men carrying blanket rolls and entrenching tools. Immediately after the review the various organizations were inspected and shelter tents pitched. Following this, Troop A and the Machine Gun Company each gave a drill. The Battery also drilled, demonstrating volley firing. Company F, First Battalion, threw up entrenchments with their entrenching tools.

At inspection it was noticed that the rifles of the First Battalion were generally in poor condition. Several rifles in A Company were noticed dirty and had had little care. In K Company many rifles were rusty and did not appear to have had any work on them. In the Second Battalion the rifles in D and I companies were in good condition and showed a good deal of care had been taken to keep them free from dirt and rust. In both H and G companies they were in poor condition, found dirty and more or less rust. In the Third Battalion the rifles of M Company showed they had been worked upon more or less, although the rifles of this company are not serviceable. The rifles in L Company were in good condition, and in E Company were in very good condition.

Throughout the command a great many hat cords were found to be missing.

It was also noticed, when shelter tents were pitched, that more or less tents were torn.

With reference to shoes, while there is no uniformity as to the shoe worn, as a rule they were good, and only three in the command wore low shoes. The Machine Gun Company was well equipped with a uniform shoe, being the standard shoe of the United States Army.

After its drill Troop A left Weare for its home station at Peterborough, marching via Francestown, making camp



there. The following day, the 15th, tents were struck and Battery A marched to Manchester in the morning, while the various companies of the Infantry entrained at North Weare station.

Very respectfully,  
ARTHUR J. PIERCE, *Major,*  
*Inspector-General, N. H. N. G.*

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STATE OF NEW HAMPSHIRE,

THE INSPECTOR-GENERAL'S DEPARTMENT,

MANCHESTER, September 16, 1912.

*The Adjutant-General, State of New Hampshire, Concord:*

SIR:—I have the honor to report that, pursuant to S. O. 47, c. s., A. G. O., I inspected the troops and camp of instruction of the Coast Artillery Corps, N. H. N. G., at Fort Constitution, September 6 to 13, 1912.

The greater part of the course of instruction given during this tour of duty was devoted to target practice, including both sub-calibre and service practice. Officers and men appeared enthusiastic in their work and attentive to their duties and the instruction given them.

The course of instruction was under the supervision of Major M. G. Spinks, C. A. C., U. S. A., who was assigned as instructor and inspector. He was assisted by Lieutenants D. Armstrong and L. H. Campbell and two non-commissioned officers of the Coast Artillery Corps, U. S. A. The work of the instructors was systematic, enthusiastic and efficient, and it is my opinion that the Coast Artillery Corps of the state received more material instruction during this tour of duty than at any similar tour of duty since its organization.

His Excellency Governor Robert P. Bass, attended by officers of his staff, was present September 10 to 12. On the 11th, the governor observed the work of the troops in service practice with the twelve and six-inch guns. The work was performed in a most creditable manner. On the afternoon of



the 11th the Governor, accompanied by his staff, the commanding officer of the Portsmouth navy yard and officers of Fort Constitution, reviewed all the troops stationed at the fort and in camp of instruction there. The troops of the National Guard presented a neat and soldierly appearance and officers and men demonstrated a commendable familiarity with their duties in this ceremony.

On September 12 I inspected the camp and found the kitchens and storerooms for rations to be clean and well arranged and all possible precautions taken to prevent contamination of the food by flies. The latrines, grounds and tents were clean and well kept.

It was noted in the battalion that there was no systematic arrangement of the clothing and equipments of the men in their tents. It was also noted that many of the tents were encumbered with trunks, dress-suit cases and heavy boxes. It is my opinion that this needless heavy extra baggage could and should be dispensed with, as it belongs to the order of the old militia and has no place in a modern camp of instruction.

Very respectfully,

WILLIAM SULLIVAN,  
*Inspector-General, N. H. N. G.*

## APPENDIX C.

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### REPORTS OF INSPECTOR OF SMALL ARMS FIRING.



## REPORTS OF INSPECTOR OF SMALL ARMS FIRING.

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NASHUA, N. H., October 22, 1911.

*The Adjutant-General, State of New Hampshire, Concord:*

SIR:—I have the honor to report, in accordance with General Orders, No. 27, A. G. O., dated Concord, October 9, 1911, a camp of instruction and competition, with rifle and revolver, was held on the state rifle range at Massabesic on October 18, 19 and 20, 1911.

During this tour of duty the most unfavorable weather conditions prevailed, raining the greater part of the time.

With the aid of the Silbey stoves, with which every tent was supplied, the competitors were able to keep very comfortable, and at the same time they had an opportunity to dry their wet clothes.

More than usual interest was taken in the several contests by all in attendance, and, considering the conditions, the scores attained were very commendable, while the instruction derived was of far greater value than would have been the case had the conditions been more favorable.

Much credit is due the statistical officers, range officers and scorers and markers for the promptness with which all competitions were carried out.

I am inclosing the report of Capt. Winfred D. Davis, Post Adjutant and Statistical Officer, with the official scores and winners of the several competitions.

Very respectfully,

ARTHUR F. CUMMINGS,

*Major Ordnance Department and Executive Officer.*

## STATE RIFLE TEAM.

1. Private Ernest C. Barker, Co. H., First Inf., Gold Medal	206
2. Capt. Stephen E. Hall, Co. E., First Inf., Silver Medal...	184
3. Sergt. Dennis J. Cullity, Co. B, First Inf., Silver Medal..	*184
4. Capt. Walter C. Ellis, First Inf. Staff, Bronze Medal....	180
5. Corp. Ottis E. Mercer, Troop A, Cav., Bronze Medal.....	175
6. Capt. Charles R. Blake, Co. D, First Inf., Bronze Medal..	*175
7. Lieut. Clarence P. Bodwell, 1st Co., C. A. C., Bronze Medal	171
8. Major Ross L. Piper, Sub. Dept., Bronze Medal.....	161
9. Corp. Howard Brown, Co. E, First Inf., Bronze Medal..	158
10. Sergt. Jos. A. Thompson, Co. F, First Inf., Bronze Medal	157
11. Corp. James A. Brown, Co. H, First Inf., Bronze Medal	154
12. Mech. George R. Bowman, 2d Co., C. A. C., Bronze Medal	151

\* Score outranked by preceding number.

## STATE REVOLVER TEAM.

1. Corp. Ottis E. Mercer, Troop A, Cav., Gold Medal.....	165
2. Corp. Frank D. Davis, Batt. A, F. A., Silver Medal.....	164
3. Chief Mech. L. A. Knight, Batt. A, F. A., Bronze Medal..	162
4. Private R. L. Robie, Batt. A, F. A., Bronze Medal.....	161
5. Sergt. J. L. Perkins, Batt. A, F. A., Bronze Medal.....	*161
6. Lieut. Henry A. Worthen, Batt A, F. A., Bronze Medal..	156

\* Score outranked by preceding number.

## BATTALION MATCH.

One team of six men from the First, Second and Third Battalions of Infantry, the Coast Artillery Corps and Troop A, Cavalry, competing:

The teams and individuals making the highest records are as follows:

First Battalion, First Inf., First Prize.....	Score 569
Third Battalion, First Inf., Second Prize.....	Score 520
Sergt. Dennis J. Cullity, Co. B, First Infantry, First Individual Prize.....	Score 133
Private Ernest C. Barker, Co. H, First Inf., Second Individual Prize.....	Score 131

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NASHUA, N. H., July 30, 1912.

*The Adjutant-General, State of New Hampshire, Concord:*

SIR:—I have the honor to enclose report of the officers and enlisted men of the New Hampshire National Guard quali-

ying in the two highest classes, with rifle and revolver, during the season of 1911.

#### RIFLE EXPERTS.

Major Arthur J. Pierce, Inspector-General; Major Ross L. Piper, Subsistence Department; Major Arthur F. Cummings, Ordnance Department; Captain Michael H. Degnan, Ordnance Department.

#### FIRST INFANTRY.

Field and Staff—Captain Walter C. Ellis, Adjutant; Lieutenant Herbert H. Rouse, Quartermaster and Commissary.

Company A—Captain Sylvio Leclerc; Sergeants Aimee Genard and Omer Vallière.

Company B—Captain Michael Clougherty; Sergeants Dennis J. Cullity, James F. Hayes and Patrick Casey; Corporals John Healey and Michael Dolphin; Privates Thomas Padden and Michael Hurley.

Company C—Captain Otis G. Hammond.

Company D—Captain Charles R. Blake; Sergeant Hector Larocque.

Company E—Captain Stephen E. Hall; Lieutenant John G. Kempe; Private Howard Brown.

Company F—Captain Eugene T. Sherburne; Lieutenant M. W. Main; Sergeants J. A. Thompson and W. L. Harvey; Corporal J. F. Wheeler; Private T. B. Fletcher.

Company H—Captain O. E. Cain; Lieutenants F. J. Thomas and N. A. Crosier; Sergeants F. N. Shaw, F. W. Perham, J. P. Morse, J. B. Goodrich, R. E. Bridge, T. C. Fletcher and W. B. Hills; Corporals H. J. Griffin, F. T. Chase and J. A. Brown; Privates E. C. Barker, W. H. Beauregard, C. S. Buswell, H. M. Colgrove, H. Henrickson, M. E. Hart, W. H. Laflame, A. E. Lagerberg, J. J. Larson and C. A. Laflame.

Company K—Captain A. J. Foye; Sergeant Thomas Quirk.

Company L—Captain George F. Cullet, Sergeant J. C. Bradbury.



## COAST ARTILLERY CORPS.

First Company, Lieutenant Clarence P. Bodwell; Second Company, Mechanic George Lavertue.

## TROOP A, CAVALRY.

Corporal Otis E. Mercer.

## SHARPSHOOTERS.

## FIRST INFANTRY.

Company A—Corporal Dolphin Paradis; Private Emile Bourassa.

Company B—Corporal Patrick Sullivan.

Company F—Privates F. J. Bolton, J. D. Filleul, A. Smith, and H. J. Vallancourt.

Company H—Private E. G. Caldwell.

## TROOP A, CAVALRY.

Private Harry F. Smith.

## REVOLVER EXPERTS.

Major Arthur J. Pierce, Inspector-General; Major Ross L. Piper, Subsistence Department; Major Arthur F. Cummings, Ordnance Department; Captain Michael H. Degnan, Ordnance Department.

## FIRST INFANTRY.

Field and Staff—Captain Walter C. Ellis, Adjutant; Captain John P. Flanagan, Quartermaster.

Company B—Captain Michael Clougherty; Lieutenant Edward Kelly.

Company E—Captain S. E. Hall; Lieutenants C. H. Colby and J. G. Kempe.

Company H—Lieutenants F. J. Thomas and N. A. Croiser.

Company L—Captain George F. Cullet.

## COAST ARTILLERY CORPS.

First Company—Lieutenant C. P. Bodwell.

## TROOP A, CAVALRY.

Captain C. W. Jellison; Lieutenant J. H. Holden; Sergeants M. H. Nichols and G. F. Diamond; Corporal O. E. Mercer; Trumpeter A. L. Diamond; Privates H. F. Smith, O. A. Cutter, W. F. Abbott, J. F. Harmon, J. F. McQuillan, W. H. Spaulding, A. H. Towne, D. W. Richardson.

## FIRST FIELD BATTERY.

Captain E. L. Towle; Lieutenants F. J. Abbott, H. A. Worthen, L. E. Hill and G. W. Upton; Sergeants E. C. Luce, E. E. Quimby, H. J. Verville, H. G. Hall, J. L. Perkins, W. B. Smith and W. J. Davis; Corporals F. D. Davis, G. Schuneman and C. M. Lindahl; Mechanics L. A. Knight and G. B. Little; Privates G. W. Appleton, H. A. Chase, B. S. Dow, W. E. Farrin, J. Kenyon, H. L. Pollard, Ralph Robie, C. Schwartz, F. R. Simpson, F. A. Witham and R. Worcester.

## SHARPSHOOTERS.

## FIRST INFANTRY.

Field and Staff—Lieutenant C. P. Barnum, Battalion Adjutant. Sergeant T. C. Fletcher, Quartermaster-Sergeant.

Company F—Lieutenant M. W. Main.

Company H—Captain O. E. Cain.

Company I—Lieutenant C. H. Powell.

Company L—Lieutenant B. H. Hinman.

## FIRST FIELD BATTERY.

Sergeants J. F. Young, J. D. Hamilton and G. G. Peterson; Corporals S. B. Rudin, E. H. Snow, J. E. Moore and A. L. Greer; Mechanics F. P. Bailey and W. A. Emery; Privates A. E. Cook, J. A. Dahlm, C. C. Ferrin, E. W. Holden, K. A. Hollman, E. Knoetig, C. E. Kochler, H. McVicar, W. Pickering, A. A. Poore, G. C. Quimby, Ernest Riedel, C. V. Ruden, H. A. Sayward, E. E. Simpson, O. F. Stenzel and C. H. Walsch.

Very respectfully,

ARTHUR F. CUMMINGS.

*Major, Ordnance Department, N. H. N. G.*

NASHUA, N. H., September 2, 1912.

*The Adjutant-General, State of New Hampshire, Concord:*

SIR:—In compliance with General Orders, No. 24, dated Concord, July 23, 1912, as modified by General Orders, No. 26, dated Concord, August 5, 1912, the state competitions, with rifle and revolver, were held on the state rifle range at Massabesic on August 14, 15 and 16, 1912, the report of which I have the honor to submit.

#### STATE RIFLE TEAM COMPETITION.

Open to all competitors selected in accordance to Par. 2 of General Orders, No. 24, c. s., 1912.

Distances—Ten shots at 200 yards, surprise fire; two sighting and ten for record, at 600 yards, slow fire, and one skirmish run.

There were eighty-six entries in this match, which was shot on August 14 and 15, the winning competitors, prizes and total score being as follows:

Captain W. C. Ellis, Adjutant, First Inf., Gold Medal.....	153
Private E. C. Barker, Co. H, First Inf., Silver Medal.....	148
Sergeant J. L. Perkins, Battery, A. F. A., Silver Medal.....	147
Lieutenant H. W. Locklin, C. A. C., Bronze Medal.....	135
Sergeant D. J. Cullity, Co. B, First Inf., Bronze Medal.....	134
Private John Carr, Co. C, First Inf., Bronze Medal.....	132
Major Ross L. Piper, Subsistence Dept., Bronze Medal.....	129
Sergeant W. L. Harvey, Co. F, First Inf., Bronze Medal....	129
Captain C. R. Blake, Co. D, First Inf., Bronze Medal.....	128
Corporal James Brown, Co. H, First Inf., Bronze Medal....	128
Captain Sylvio Leclerc, Co. A, First Inf., Bronze Medal....	122
Lieutenant W. H. Harwood, Co. I, First Inf., Bronze Medal..	119
Sergeant Thomas Quirk, Co. K, First Inf.....	118
Corporal O. E. Mercer, Troop A.....	117
Corporal R. L. Robie, Battery A. F. A.....	115

Under the conditions of this match, the above-named officers and enlisted men constitute the New Hampshire State Rifle Team for 1912.

#### STATE REVOLVER TEAM COMPETITION

Open to all competitors selected in accordance with Par. V, General Orders, No. 24, c. s., 1912.

Distances—Ten shots each at 75 yards, slow fire; 50 yards, timed fire; and 25 and 15 yards, rapid fire.

This match was shot on August 14, with twenty-six entries, the following being a list of the winning competitors:

Corporal O. E. Mercer, Troop A, Gold Medal.....	178
Sergeant J. L. Perkins, Battery A, F. A., Silver Medal.....	174
Lieutenant H. A. Worthen, Battery A, F. A., Bronze Medal	171
Corporal R. L. Robie, Battery A, F. A., Bronze Medal.....	165
Corporal F. D. Davis, Battery A, F. A., Bronze medal.....	161
Sergeant W. B. Smith, Battery A, F. A., Bronze Medal.....	157

### BATTALION MATCH.

Open to one team of six men from each battalion of infantry, Coast Artillery Corps and Troop A, Cavalry.

Distances—Two sighting and ten shots for record, at 600 yards, and one skirmish run.

The teams and individuals making the highest records are as follows:

First Battalion, First Infantry, First Prize.....	Score 539
Coast Artillery Corps, Second Prize.....	Score 405
Sergt. W. L. Harvey, Co. F, First Infantry, First	
Individual .....	Score 113
Sergt. D. J. Cullity, Co. B, First Infantry, Second In-	
dividual .....	Score 108

### COMPANY SQUAD SKIRMISH COMPETITION, AUGUST 16, 1912.

Open to one squad, consisting of one corporal and seven privates from any company of infantry, coast artillery corps or cavalry troop of the New Hampshire National Guard, the members of which have never won a prize in any national or state match, either as individuals or as members of a team.

One skirmish run of twenty shots.

Prizes—First prize, sterling silver cup, the winning squad to be sent to compete in the "Governor Bass Match" at Wakefield, Mass.; second prize, sterling silver cup; third prize, sterling silver cup.

Ten squads entered in this match, the scores of the winning teams being:

Company K, First Infantry, First.....	Score 134
Troop A, Cavalry, Second.....	Score 112
Company G, First Infantry, Third.....	Score 74

The above match completed the state competitions, the competitors returning to their home stations, except the members of the state team, who remained on the range for practice, previous to entering the New England Interstate matches at Wakefield, Mass.

On Wednesday, August 21, the skirmish squads from Companies G and K, First Infantry, left Massabesic for Wakefield, Mass., where they were entered to compete in the "Governor Bass Match" on Thursday morning.

The result of this match was as follows:

First Corps Cadets, M. V. M., First.....	Score 252
Company K, First Inf., N. H. N. G., Second.....	Score 147
Company G, First Inf., N. H. N. G., Third.....	Score 96

On Thursday the State Rifle Team left Massabesic for Wakefield, Mass., to compete in the New England Interstate match, which was to be shot on Friday and Saturday, August 23 and 24.

The distances and class of fire shot in this match were 600 and 1,000 yards, slow fire; 200 yards, rapid fire, and one skirmish run of twenty shots. The summary:

Massachusetts, First.....	Total score 2,399
Rhode Island, Second.....	Total Score, 2,147
New Hampshire, Third.....	Total score, 2,018

On the 200-yard rapid fire stage Sergt. Jesse L. Perkins, Battery A, N. H. N. G., was high man, with a score of 46, while Private Ernest C. Barker, Co. H, First Infantry, N. H. N. G., was high on the skirmish, making a 95-run.

The experience and instruction derived from the state and interstate competitions was of great value to all participants, and by assigning them as instructors in marksmanship, the entire guard receives direct benefit.

I desire to thank the officers and enlisted men who so ably assisted me during the matches of 1912.

Very respectfully,

ARTHUR F. CUMMINGS,

*Major, Ordnance Department, N. H. N. G.*



REPORT OF SMALL ARMS FIRING OF THE TROOPS IN THE STATE OF NEW HAMPSHIRE FOR THE  
YEAR 1911.

ORGANIZATION	RIFLE FIRING											
	CLASSIFICATION AND FIGURE OF MERIT											
	Average strength, present and absent, commissioned and enlisted, for the entire period of firing	Percent of average strength qualified	Expert riflemen	Sharpshooters	Marksmen	First-class men	Second-class men	Third-class men	Fourth-class men	Figure of merit	Total firing, rifle	
												Total firing, pistol
FIRST INFANTRY												
Battalion Officers .....	12	.....	3	2	12	9	19	15	12	56.34	..	33.33
Company A .....	67	89.55	8	1	28	1	..	..	7	72.27	63	63.52
Company B .....	64	59.38	1	..	3	..	1	..	26	10.58	36	76.25
Company C .....	52	9.52	2	..	4	..	..	..	47	14.04	15	19.83
Company D .....	57	10.53	3	..	3	..	..	..	51	14.52	52	70.42
Company E .....	62	9.68	6	4	17	21	6	3	12	78.33	60	62.25
Company F .....	69	82.61	3	..	2	..	..	..	56	3.45	44	88.18
Company G .....	58	8.45	1	..	13	..	..	..	35	84.03	62	91.36
Company H .....	72	51.39	23	1	13	1	..	..	55	7.92	48	5.95
Company I .....	60	8.33	2	..	11	15	6	..	26	15.42	37	96.30
Company K .....	60	56.67	2	..	8	6	3	1	43	28.73	54	37.69
Company L .....	63	31.75	2	..	1	3	1	8	49	7.34	45	32.82
Company M .....	62	20.97	..	..	1	3	1	..	..	..	..	..
Total of Regiment.....	758	37.34	50	8	106	56	36	27	475	37.03	572	52.85

COAST ARTILLERY CORPS

Battalion Officers .....	4	14.59	1	..	..	..	..	4	16.07	..	..	..
Company, 1st .....	56	18.33	1	..	..	..	..	48	13.42	24	2	22.41
Company, 2d .....	60	18.33	1	..	..	..	..	49	13.42	36	..	19.07
Company, 3d .....	47	16.33	..	..	..	..	..	47	13.38	44	..	..
Company, 4th .....	49	16.33	..	..	..	..	..	41	13.38	38	..	8.24
Total Coast Artillery Corps.....	216	12.50	2	..	..	2	2	189	11.06	142	2	12.83
TROOP A												
Cavalry .....	64	12.50	1	1	..	..	..	56	14.84	20	17	45.67
BATTERY A												
First F. A.* .....	123	73.17	..	..	..	..	..	..	..	..	106	..
FIRST INFANTRY												
Total of Regiment.....	758	37.34	50	8	106	56	36	475	37.03	572	19	52.85
Total .....	1,161	30.64	53	9	129	58	38	720	30.26	734	144	43.81

\*Not armed with rifle. 73.17% qualified as marksmen or better with pistol.



## APPENDIX D.

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### REPORTS OF DISBURSEMENTS AND PROPERTY ACCOUNTABILITY.



## REPORTS OF DISBURSEMENTS AND PROPERTY ACCOUNTABILITY.

### STATEMENT OF EXPENSES OF THE ADJUTANT- GENERAL'S DEPARTMENT.

September 1, 1910, to August 31, 1911.

#### SALARY OF THE ADJUTANT-GENERAL.

Chapter 169, Laws of 1909.

Appropriation .....		\$1,500.00
Harry B. Cilley.....	\$566.67	
Herbert E. Tutherly.....	933.33	
	<hr/>	<u>\$1,500.00</u>

#### CLERICAL EXPENSES.

Chapter 169, Laws of 1909.

Chapter 100, Laws of 1911.

Appropriation .....		\$880.57
Lila A. Freeman.....	\$769.33	
Charles E. Scorer.....	105.55	
	<hr/>	
	\$874.88	
Unexpended balance .....	5.69	
	<hr/>	<u>\$880.57</u>

#### INCIDENTALS.

Chapter 169, Laws of 1909.

Appropriation .....		\$600.00
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## ADJUTANT-GENERAL'S REPORT.

Telephone service.....	\$232.86	
Telegrams .....	10.17	
Express .....	48.78	
Postage .....	129.70	
Mileage books.....	58.23	
Bonds as Adjutant-General and United States Disbursing Of- ficer .....	20.00	
Office work.....	6.90	
Office supplies and furniture...	92.22	
	<hr/>	
	\$598.86	
Unexpended balance.....	1.14	
	<hr/>	\$600.00
		<hr/>

## PRINTING BLANKS.

## Chapter 169, Laws of 1909.

Appropriation .....		\$1,100.00
John Carter & Co., Boston, stock .....	\$240.34	
I. C. Evans Co., Concord, print- ing .....	219.35	
Rumford Printing Co., Concord, printing .....	378.59	
Phaneuf & Son, Concord, print- ing .....	4.20	
	<hr/>	
	\$842.48	
Unexpended balance.....	257.52	
	<hr/>	\$1,100.00
		<hr/>

## PRINTING REPORT.

## Chapter 206, Laws of 1911.

Appropriation .....	\$850.00
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J. Carter & Co., Boston, stock..	\$102.82	
George G. Neal, Dover, binding,	173.00	
I. C. Evans Co., Concord, printing .....	345.12	
	\$620.94	
Unexpended balance.....	229.06	
		\$850.00

## REPORT OF DISBURSEMENTS MADE ON ACCOUNT OF MAINTENANCE OF THE NEW HAMPSHIRE NATIONAL GUARD.

SEPTEMBER 1, 1910, TO AUGUST 31, 1911.

### NEW HAMPSHIRE NATIONAL GUARD.

Chapter 169, Laws of 1909.

Appropriation .....	\$40,200.00
Money received from sale of old tents.....	1,775.76
	<u>\$41,975.76</u>
Armory rents.....	\$3,200.06
Custodian of arsenal.....	450.00
Examining boards.....	207.92
Medical examinations.....	271.58
Miscellaneous expenses.....	3,261.91
Miscellaneous camp expenses...	2,980.26
Ordnance Department, including rifle competitions.....	2,076.39
Camp payrolls.....	15,325.35
Drill payrolls.....	6,604.48
Inspection payrolls.....	595.00
Subsistence, camp.....	2,458.16
Sundries, headquarters and com- panies .....	2,365.18
Surveying officer.....	231.17

Transportation, camp.....	1,221.14	
Uniforms and equipments.....	475.48	
		<hr/>
	\$41,724.08	
Unexpended balance .....	251.68	
		<hr/>
		<u>\$41,975.76</u>

## RIFLE RANGES.

## Chapter 169, Laws of 1909.

Appropriation .....		\$1,300.00
Co. A, First Infantry.....	\$79.17	
Co. D, First Infantry.....	79.17	
Co. E, First Infantry.....	79.17	
Co. G, First Infantry.....	50.00	
Co. H, First Infantry.....	79.17	
Co. I, First Infantry.....	79.17	
Co. K, First Infantry.....	50.00	
Co. L, First Infantry.....	50.00	
Mary J. Dana, land for range...	300.00	
Troop A, Cavalry.....	79.17	
Battery A, Field Artillery.....	29.17	
2d Co., Coast Artillery Corps..	29.17	
3d Co., Coast Artillery Corps..	29.17	
		<hr/>
	\$1,012.53	
Unexpended balance.....	287.47	
		<hr/>
		<u>\$1,300.00</u>

## STATE ARMORIES, MANCHESTER, NASHUA AND CONCORD.

## Chapter 169, Laws of 1909.

Appropriation .....		\$7,000.00
<i>Manchester Armory.</i>		
Janitor services.....	\$720.00	
Water .....	253.95	
Fuel .....	712.50	

Repairs .....	76.89	
Lighting .....	391.62	
Sundries .....	73.67	
Telephone .....	35.98	
Lockers .....	1,249.00	
	<hr/>	\$3,513.61

*Nashua Armory.*

Janitor services....	\$600.00	
Water .....	36.00	
Fuel .....	354.70	
Repairs .....	143.31	
Lighting .....	117.29	
Sundries .....	75.22	
Telephone .....	42.19	
Lockers .....	400.04	
	<hr/>	\$1,768.75

*Concord Armory.*

Janitor services....	\$772.00	
Water .....	10.05	
Fuel .....	419.23	
Repairs .....	5.86	
Lighting .....	134.83	
Sundries .....	75.18	
Telephone .....	17.86	
Lockers .....	275.40	
	<hr/>	\$1,710.41

\$6,992.77

Unexpended balance..... 7.23

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\$7,000.00

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OFFICERS' UNIFORMS.

Chapter 169, Laws of 1909.

Appropriation ..... \$3,500.00

79 uniform allowances @ \$25.00	\$1,975.00	
Unexpended balance.....	1,525.00	
	<u>                    </u>	\$3,500.00

## STATEMENT OF EXPENSES OF THE ADJUTANT-GENERAL'S DEPARTMENT.

SEPTEMBER 1, 1911, TO AUGUST 31, 1912.

### SALARY OF THE ADJUTANT-GENERAL.

#### Chapter 165, Laws of 1911.

Appropriation .....		\$1,500.00
Herbert E. Tutherly.....	\$1,500.00	
	<u>                    </u>	\$1,500.00

### CLERICAL EXPENSES.

#### Chapter 165, Laws of 1911.

Appropriation .....		\$1,000.00
Charles E. Scorer .....	\$1,000.00	
	<u>                    </u>	\$1,000.00

### INCIDENTALS.

#### Chapter 165, Laws of 1911.

Appropriation .....		\$900.00
Telephone service.....	\$179.25	
Telegrams .....	31.64	
Express .....	85.58	
Postage .....	141.50	
Mileage books.....	60.00	
Office supplies and furniture...	391.45	
Bond as United States Disburs- ing Officer.....	5.00	
Office work.....	5.30	
	<u>                    </u>	\$899.72
Unexpended balance.....	.28	
	<u>                    </u>	\$900.00

PRINTING BLANKS.

Chapter 165, Laws of 1911.

Appropriation .....		\$700.00
John Carter & Co., stock.....	\$10.36	
I. C. Evans Co., printing.....	434.73	
Rumford Printing Co., printing,	7.00	
Phaneuf & Son, printing.....	6.00	
Evans Press, printing.....	24.72	
Public Printing Commission, en-		
velopes .....	25.19	
	<hr/>	
	\$508.00	
Unexpended balance .....	192.00	
	<hr/>	
		\$700.00
		<hr/> <hr/>

REPORT OF DISBURSEMENTS MADE ON ACCOUNT  
OF MAINTENANCE OF THE NEW HAMPSHIRE  
NATIONAL GUARD.

SEPTEMBER 1, 1911, TO AUGUST 31, 1912.

NEW HAMPSHIRE NATIONAL GUARD.

Chapter 165, Laws of 1911.

Appropriation .....		\$44,900.00
Armory rents.....	\$3,549.94	
Custodian of arsenal.....	540.00	
Examining boards.....	171.74	
Medical examinations.....	222.66	
Miscellaneous expenses.....	5,101.86	
Miscellaneous camp expenses...	3,022.80	
Ordnance Department, including		
Rifle competitions.....	4,568.53	
Camp payrolls.....	13,494.96	
Drill payrolls .....	5,882.50	
Inspection payrolls.....	607.00	
Subsistence, camp.....	2,081.41	



Sundries, headquarters and com- panies .....	1,392.44	
Surveying officer.....	11.05	
Transportation, camp.....	3,037.31	
Uniforms and equipments.....	126.10	
Inspector-General's Department,	434.30	
Pay of Quartermaster-Sergeants,	466.04	
Pay of company clerks.....	178.03	
	<hr/>	
	\$44,888.67	
Unexpended balance.....	11.33	
	<hr/>	
		\$44,900.00
		<hr/> <hr/>

So much of the above appropriation as was required for the June, 1911, camp was made available June 1, 1911, by Chapter 165, Laws of 1911. In accordance therewith, the following amounts were expended up to August 31, 1911:

Miscellaneous camp expenses..	\$2,431.70	
Camp payrolls.....	11,148.97	
Subsistence, camp.....	2,059.09	
Transportation, camp.....	1,244.23	
	<hr/>	
		\$16,883.99

So much of the New Hampshire National Guard appropriation for the fiscal year ending August 31, 1913, as was required for the annual encampment (June, 1912) was made available June 1, 1912, by Chapter 167, Laws of 1911. In accordance therewith, the following amounts were expended up to August 31, 1912:

Miscellaneous camp expenses..	\$1,970.44	
Camp payrolls.....	10,746.36	
Subsistence, camp.....	2,331.52	
Transportation, camp.....	522.93	
	<hr/>	
		\$15,571.25

NEW HAMPSHIRE NATIONAL GUARD.

(New House Bill, 532.)

Chapter 165, Laws of 1911.

Appropriation .....		\$5,025.00
Armory rents.....	\$3,600.00	
Quartermaster Sergeants.....	918.50	
Company clerks.....	412.50	
	<hr/>	
	\$4,931.00	
Unexpended balance.....	94.00	
	<hr/>	\$5,025.00

RIFLE RANGES.

Chapter 165, Laws of 1911.

Appropriation .....		\$950.00
A. J. Foye.....	\$29.17	
J. Madden.....	29.17	
C. C. Crowley.....	1.09	
S. H. Edes.....	23.38	
F. W. Moore.....	20.00	
	<hr/>	
	\$102.81	
Unexpended balance.....	847.19	
	<hr/>	\$950.00

RIFLE RANGES.

(New House Bill, 532.)

Chapter 161, Laws of 1911.

Appropriation .....		\$2,700.00
S. E. Hall.....	\$21.25	
A. H. King.....	140.00	
S. H. Edes.....	25.00	
J. H. Lavertue.....	5.04	
G. F. Cullett.....	69.09	
E. L. Towle.....	30.76	
S. H. Edes.....	121.70	
*Henry Murphy.....	300.00	
*C. J. Roby.....	75.00	

\* Checks not delivered, as contracts not fulfilled. Amounts returned to State Treasury.

O. E. Cain.....	\$200.00
G. M. Stacy.....	70.00
F. T. Ripley.....	216.00
E. H. Runnells.....	59.36
Michael J. Healy, range officer,	285.62
A. E. Sanborn.....	100.00
E. L. Towle.....	11.25
W. Chamberlain.....	2.53
T. Robinson.....	4.50
Michael J. Healy, range officer..	111.39
Horne & Hall.....	32.56
E. H. Runnells.....	58.98
C. A. McLane.....	55.43
G. W. Morrill.....	18.00
A. F. Coulter.....	10.00
T. J. Conway.....	15.00
R. Dow.....	2.00
F. McCabe.....	3.00
P. Igo.....	8.00
E. I. Eaton.....	10.00
Concord Hdw. Co.....	3.94
Hutchinson Building Co.....	41.61
F. W. Landon & Co.....	30.00
W. Sullivan.....	86.00
G. F. Cullett.....	75.00
S. H. Edes.....	98.93
O. E. Cain.....	120.00
W. Sullivan.....	55.31
E. L. Towle.....	7.00
F. T. Ripley.....	82.95
Phaneuf & Son.....	6.00
Concord Belting Co.....	5.37
A. Coulter.....	2.75
S. Leclerc.....	4.60

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 \$2,680.92

Unexpended balance..... 19.08

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 \$2,700.00
 

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## STATE ARMORIES, MANCHESTER, NASHUA AND CONCORD.

## Chapter 165, Laws of 1911.

Appropriation .....	\$7,000.00
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*Manchester Armory.*

Janitor and watch-		
men .....	\$952.00	
Water .....	60.70	
Fuel .....	816.25	
Repairs .....	520.63	
Lighting .....	470.18	
Sundries .....	97.45	
Telephone .....	41.89	
Lockers .....	96.00	
	<hr/>	\$3,055.10

*Nashua Armory.*

Janitor and watch-		
men .....	\$792.00	
Water .....	36.00	
Fuel .....	193.75	
Repairs .....	213.10	
Lighting .....	153.91	
Sundries .....	95.15	
Telephone .....	48.69	
Electric wiring.....	547.87	
	<hr/>	2,080.47

*Concord Armory.*

Janitor services....	\$750.00	
Water .....	34.25	
Fuel .....	357.50	
Repairs .....	477.25	
Lighting .....	115.52	
Sundries .....	101.19	
Telephone .....	26.11	
	<hr/>	1,861.82

	<hr/>	\$6,997.39
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Unexpended balance.....	2.61
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	<hr/>	\$7,000.00
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## OFFICERS' UNIFORMS.

## Chapter 165, Laws of 1911.

Appropriation .....		\$2,650.00
87 uniform allowances @ \$25.00	\$2,175.00	
Unexpended balance .....	475.00	
	<hr/>	<hr/>
		\$2,650.00

ACCOUNT AS UNITED STATES DISBURSING  
OFFICER.

## RECEIPTS.

1911.

April 26.	Warrant No. 25123, for arms, equipment and camp purposes.....	\$300.00
June 23.	Warrant No. 26757, for arms, equipment and camp purposes.....	1,820.00
Nov. 1.	Warrant No. 7343, for promotion of rifle practice.....	1,344.99

1912.

May 21.	Warrant No. 19242, for promotion of rifle practice.....	5,266.02
27.	Warrant No. 19383, for arms, equipment and camp purposes.....	5,931.00
		<hr/>
		\$14,662.01

DISBURSEMENTS.

Account of Expenditures as per checks drawn on the First National Bank of Portsmouth, N. H.

Date	Check Number	NAME	For What Paid	Amount
1911	1			
May 14	14,401	Major William K. Jones, U. S. A....	Excess expenses during inspections	\$11.41
July 14	14,402	Charles W. Jellison.....	Mounting Troop A, Cavalry.....	712.00
July 14	14,403	Edwin L. Towle.....	Mounting Battery A, Field Artillery.....	1,071.00
July 14	14,404	Norris A. Dunklee.....	Mounts for field exercises.....	36.00
July 14	14,405	Walbridge & Taylor.....	Forage for draft animals during field exercises.....	61.50
July 14	14,406	Batchelder & Sons.....	Forage for draft animals during field exercises.....	60.00
July 14	14,407	David Whiting & Sons.....	Forage for draft animals during field exercises.....	38.88
July 14	14,408	D. R. & F. A. Cole.....	Forage for draft animals during field exercises.....	19.80
July 14	14,409	Goodnow & Derby .....	Forage for draft animals during field exercises.....	90.00
	to			
	14,450			
	and			
	23,251			
	to			
	23,359			
Dec. 20			Payrolls for camp of instruction with rifle and revolver at Massabesic, N. H.....	\$11.01
1912				
April 29	23,360	Capt. E. V. D. Murphy, U. S. A.....	Excess expenses during inspections.....	6.75
May 6	23,361	Boston & Maine Railroad.....	Transportation of three boxes from Manchester, N. H., to Troy, N. Y.....	.38
June 1	23,362	Lt.-Col. Willoughby Walke, U. S. A.	Excess expenses during inspections.....	18.10
July 2	23,363	Edwin L. Towle.....	Mounting Battery A, Field Artillery.....	1,341.00
July 2	23,364	Milliard F. Bickford.....	Mount for field exercises.....	18.00
July 2	23,365	Albion G. Clark.....	Hire of team for field exercises.....	18.00
July 2	23,366	Bert G. Spaulding.....	Hire of team for field exercises.....	21.50
July 6	23,367	Charles W. Jellison.....	Mounting Troop A, Cavalry.....	606.00
July 12	23,368	A. Leslie Gordon.....	Hire of team for field exercises.....	31.50



DISBURSEMENTS.—*Concluded.*

Date	Check Number	NAME	For What Paid	Amount
July 12	23,369	Edwin W. Farnum.....	Forage for draft animals during field exercises.....	22.21
July 12	23,370	John D. French.....	Hire of team for field exercises.....	63.00
July 12	23,371	Herbert H. Rouse.....	Hire of teams for field exercises.....	103.50
July 12	23,372	Mace C. Heath.....	Hire of team for field exercises.....	63.00
July 13	23,373	Arthur E. Holt.....	Hire of team for field exercises.....	63.00
July 15	23,374	Edward E. Hoyt.....	Hire of teams for field exercises.....	220.50
July 15	23,375	Howard M. Gove.....	Forage and hire of team for field exercises.....	76.50
July 15	23,376	Cyrus Brown.....	Hire of team for field exercises.....	27.00
July 16	23,377	Edwin W. Farnum.....	Hire of team for field exercises.....	162.00
July 16	23,378	Joseph T. Buckley.....	Hire of team for field exercises.....	13.50
July 25	23,379	Manchester Battalion Rifle Range As.	Purchase of land at Auburn, N. H., for the purposes of a target range.....	5,500.00
July 25	23,380	Irving T. Chesley.....	Hire of team for field exercises.....	27.00
July 26	23,381	Walter R. Russell.....	Hire of team for field exercises.....	54.00
July 26	23,382	Fred B. Brooks.....	Hire of team for field exercises.....	54.00
July 26	23,383	Willard H. Hopkins.....	Hire of team for field exercises.....	27.00
Aug. 30	23,384	Willis D. Barker.....	Hire of teams for field exercises.....	108.00
		Balance on hand, September 1, 1912..		3,094.97
		Total .....		\$14,662.01

THE STATE OF NEW HAMPSHIRE IN ACCOUNT WITH THE  
UNITED STATES.

Under Section 1661 of the Revised Statutes, as Amended.

1910.

Sept.	1.	Balance to credit of state of New Hampshire for arms, equipment and camp purposes .....	\$13,397.10
		Balance to credit of state of New Hampshire for promotion of rifle practice...	3,912.24

1911.

March	14.	Certificate of Deposit No. 46, First National Bank of Portsmouth, Major-General Harry B. Cilley, United States Disbursing Officer.....	180.75
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July	1.	Allotment for fiscal year 1912 for arms, equipment and camp purposes.....	11,727.64
		Allotment for fiscal year 1912 for promotion of rifle practice.....	3,909.21

1912.

July	1.	Allotment for fiscal year 1913 for arms, equipment and camp purposes.....	11,402.50
		Allotment for fiscal year 1913 for promotion of rifle practice.....	3,800.34

Charged against allotment for:

Ordnance and ordnance stores	\$3,101.41
Quartermaster's supplies.....	8,435.79
Commissary stores.....	1.75
Medical supplies.....	347.42
Publications .....	335.44
Blank forms.....	22.18

General orders, War Department, and circulars, Division of Militia Affairs..... 97.11

Requisitions for funds in favor of Brig.-Gen. Herbert E. Tutherly, U. S. Disbursing Officer, for arms, equipment and camp purposes..... 8,051.00

Requisitions for funds in favor of Brig.-Gen. Herbert E. Tutherly, U. S. Disbursing Officer, for promotion of rifle practice .....

6,611.01

Sept.	1.	Balance to credit of state of New Hampshire.....	21,327.17
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\$48,330.28	\$48,330.28
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THE STATE OF NEW HAMPSHIRE IN ACCOUNT WITH THE  
UNITED STATES.

Under the Act of May 27, 1908.

1911.

June	1.	Special allotment for supplies.....	\$1,901.03	
		Charged against allotment for:		
		Ordnance and ordnance stores	\$69.27	
		Commissary property.....	74.17	
		Quartermaster supplies.....	1,747.14	
	20.	Balance at this date reverting to the treasury of the United States.....	10.45	
			<u>\$1,901.03</u>	<u>\$1,901.03</u>

July	1.	Amount set aside for the purpose of mak- ing issues of supplies during fiscal year 1912 .....	\$12,026.95	
		Amount set aside for the purpose of mak- ing issues of ammunition during fiscal year 1912.....	5,383.91	

1912.

April	26.	Special allotment for supplies.....	1,065.41	
			<u>\$18,476.27</u>	
		Charged against allotment for:		
		Ordnance and ordnance stores	\$6,823.92	
		Quartermaster's supplies.....	9,028.99	
		Commissary stores.....	120.15	
		Engineer property.....	177.78	
		Signal stores.....	2,151.08	
		Medical supplies.....	295.70	
		Publications .....	83.40	

June	30.	Overdraft .....	204.75	
			<u>\$18,681.02</u>	<u>\$18,681.02</u>

July	1.	Amount set aside for the pur- pose of making issues of sup- plies during fiscal year 1913..	\$9,290.47	
		Amount set aside for the pur- pose of making issues of am- munition during fiscal year 1913 .....	7,337.73	

Sept	1.	Balance to credit of state of New Hampshire .....	\$16,628.20	
			<u>\$16,628.20</u>	<u>\$16,628.20</u>

ORDNANCE AND ORDNANCE STORES, PROPERTY OF THE  
U. S. GOVERNMENT, IN HANDS OF TROOPS AND IN AR-  
SENAL, SEPTEMBER 1, 1912.

No.	ARTICLES.
<b>CLASS II.—MISCELLANEOUS ARTICLES FOR SEACOAST ARTILLERY.</b>	
8	W. & S. azimuth instruments, model 1910, with combination fuse and resistance coil.
8	Carrying cases for telescope.
8	Chests.
8	Pier mounts.
8	Screwdrivers.
8	Adjusting pins.
8	Combination fuse and resistance coils.
4	Pratt range boards, model 1905.
4	W. H. plotting boards, model 1904.
4	Trestles, prs.
4	Screwdrivers, large.
4	Screwdrivers, small.
4	Canvas covers.
4	Pin wrenches.
4	Spanner wrenches.
4	Targets.
4	Gun arm center chests.
4	Gun deflection boards, model 1905.
4	Wind component indicators.
4	Time range boards, model 1908.
12	Time interval recorders.
3	Subcaliber range scales.
3	Subcaliber range scale troughs.
7	Bottles, glass, assorted.
1	Drilling brace.
1	Ratchet No. 2.
1	Drill, .801".
2	Files.
1	Special counterbore.
<b>CLASS III.—AMMUNITION FOR GUNS OF ALL MODELS.</b>	
1/4	Lb. smokeless powder for 8" gun, P. A., lot 34 of 1910.
1/4	Lb. smokeless powder for 10" gun, DuPont, lot 22 of 1910.
1/4	Lb. smokeless powder for 12" gun, Int., lot 30 of 1910.
1/4	Lb. smokeless powder for 12" mortar, DuPont, lot 25 of 1910.
1/4	Lb. smokeless powder for 3" (15 pdr.) gun, P. A., lot 47 of 1910.
1/4	Lb. smokeless powder for 5" gun, DuPont, lot 7 of 1905.
1/4	Lb. smokeless powder for 6" gun, Int., lot 79 of 1912.
500	Felt wads for 3" field gun.
100	Lbs. saluting powder for 3" gun.
2	Cloth bags, 50 lbs. capacity.
2	Iron barrels, 50 lbs. capacity.
500	Percussion saluting primers, 20-grain.
<b>CLASS IV, SECTION 1.—AUTOMATIC RIFLES AND THEIR SPARE PARTS AND ACCESSORIES.</b>	
4	Automatic rifles, calibre .30, model 1909, fitted with telescopic sight bracket.
4	Barrel cases.
4	Spare barrels.
4	Mittens with asbestos palm, prs.
4	Cooling sponges.
64	Ammunition boxes.
640	Feed strips.
4	Two spare part cases, containing:— Extractors.

No.	ARTICLES.
4	Actuator springs.
4	Feed piece springs.
2	Firing pins.
2	Breech locks with extractor.
2	Fermeture nuts.
4	Feed pieces.
2	Rear sights, complete.
2	Front sights, complete.
4	Spare stocks.
2	Copper hammers.
2	Drifts.
2	Screwdrivers.
16	Cleaning brushes.
4	Gas cylinder cleaners.
2	Grease brushes.
2	Grease pots.
	Four gunners' pouches, containing:—
4	Extractors.
4	Sear springs.
4	Cartridge stops.
4	Cartridge stop holders.
4	Cartridge stop springs.
4	Ejectors.
4	Ejector caps.
4	Ejector springs.
4	Firing pins.
4	Dismounting wrenches.
4	Hand extractors.
4	Ejector keys.
8	Cleaning brushes.
4	Cleaning rods, complete.
4	Rammers.
4	Defective cartridge extractors.
4	Oil cans.
	Two leading tool cases, containing:—
2	Pliers, prs.
2	Screwdrivers.
2	Resizing tools.
2	Loading tools, with two handles.
200	Cut patches of Tampa flannel.
200	Cut patches of Canton flannel.
	Two pack outfits, consisting of:—
12	Halter bridles.
12	Blinders.
12	Aparejo bodies, with top, boot and rib sticks and thongs assembled.
12	Cruppers.
12	Sabrejalmas.
12	Aparejo Cinchas.
12	Pack frames.
4	Rifle cases.
12	Coronas.
4	Rifle hangers.
4	Broad hatchet head cases.
20	Ammunition hangers.
	Spare parts for pack outfit:—
4	Top sticks.
4	Boot sticks.
4	Sets of ribs (40 ribs).
4	Rear top braces.
4	Side braces.
2	Clasp hooks and clasp plates, assembled.
2	Strap loops, $1\frac{1}{2}$ " x $1\frac{1}{2}$ ".
2	Strap loops, 2" x $1\frac{1}{4}$ ".
2	Five-sided strap loops.

No.	ARTICLES.
8	Holding down clips.
8	Strap loops, 1" x ½".
2	Upper frame braces.
2	Hanger bars.
2	Diagonal braces.
2	Ammunition box rests.
2	Frame limbs, front, with two 1" x ½" strap loops, assembled.
2	Rifle hanger hasps.
2	Rifle hanger hasp locks.
4	Rifle hanger clevises, with clevis pins and split pins, assembled.
60	Rivets, 3/16" x ½", round head.
80	Rivets, 3/16" x ¾", round head.
20	Rivets, 3/16" x ¼", round head.
50	Rivets, ¼" x ¾", round head.
12	Rivets, ¼" x ¾", round head.
4	Cooling sponge covers.
2	Rigging covers.
4	Picket rope sections.
4	Picket pins and eyes.
2	Sledges.
2	Sledge handles.

CLASS IV, SECTION 3.—FIELD CANNON, WITH CARRIAGES,  
LIMBERS, CAISSON, ACCESSORIES, ETC.

4	3-inch Field guns, model of 1902.
1	Breech mechanism, complete.
4	Caps.
4	Cocking levers.
8	Cocking lever pins.
8	Firing pins.
8	Firing pin springs.
4	Hinge pin catches.
4	Latch bolts.
4	Latch bolt springs.
16	Oil hole spring covers, with screws.
4	Pivot keys.
4	Sears.
8	Sear and trigger springs.
4	Taper pins.
4	Trigger arm screws.
4	3-inch gun carriages, model of 1902.
3	Brake shoes.
6	Brake shoe tap bolts.
4	Counter recoil springs.
1	Cylinder end stud nut.
4	Elevating and traversing lock springs.
4	Elevating crank-shaft paper split pins.
1	Elevating pin.
2	Elevating screw covers.
4	Filling and drain plugs.
4	Filling plugs (piston rod).
1	Firing shaft.
20	Screws for cylinder end.
4	Firing handle springs.
1	Firing handle.
2	Filling tunnels for cylinders.
1	Hub liner driving tool.
2	Handspikes.
12	Hub liners.
6	Hub caps.
4	Handspike bolts.
2	Lunettes.
2	Lunette nuts.
1	Piston rod nut.
2	Recoil indicators.
4	Retaining-ring hasp split pins and cords.
16	Ring packings.
4	Spade edges.



No.	ARTICLES.
24	Spade edge rivets.
294	Split pins, assorted.
2	Traversing link pivots, with nuts.
2	Tube covers, with hinge pins.
2	Tube cover latches.
4	Tube cover latch springs.
12	Wheel fastenings, complete (old model).
8	Recoil indicator throw hinges.
24	Wheel fastening hasps, with chain.
8	Split pins for recoil indicator hinge throws.
28	Bolts, snaps and rings for padlocks.
34	Padlocks and chains.
16	Bolts, nuts, washers and cotters for sight range quadrants.
5	Recoil indicator throws.
12	3-inch field limbers, model of 1902.
12	Ammunition chest connecting pins.
12	Ammunition chest shot bolts.
12	Ammunition chest door-lock hasps, bolts and springs.
3	Doubletrees.
3	Doubletree bolts.
6	Doubletree-bolt nuts.
14	Lock washers.
3	Limber props.
6	Neck yokes.
2	Neck yoke pads.
1	Pintle, complete, with bolt (including bearing).
4	Pintle springs for limber.
4	Pole bodies.
3	Pole ferrules, complete.
10	Pole pads.
19	Pole props.
6	Singletrees.
1	Level for adjusting range quadrants.
24	Reinforce pieces for side rails.
20	Reinforce pieces for ammunition chests.
4	Funnels.
1	Forge limber chests.
1	Chest for store wagon limber, fitted for fire control instruments.
112	Rope strap fasteners for limbers.
56	Limber blanket straps.
56	Picket rope straps, lower, for 'imbers.
6	Bracket fuse setters.
1	Cyclometer for 3-inch field gun.
8	3-inch Field caissons, model of 1902.
4	Ammunition chest door-lock bars, complete.
5	Apron latches, complete.
3	Brake levers.
2	Brake shoes.
4	Brake shoe bolts.
2	Caisson props.
4	Caisson-prop chains and hooks.
3	Connecting rod springs.
4	Pintle springs for caissons.
5	Pintle latches.
1	Pintle, complete, with bolt, including bearing.
1	Pintle, complete, with springs.
10	Pintle latch springs.
5	Padlocks for ammunition chests.
1	Box for cleaning material and small stores.
1	Chest for spare breech mechanism.
1	Chest for spare sight.
1	Floor plate with screws for holding spare breech mechanism boxes in place.
8	Breech covers.
1	Coal bag, canvas.
4	3-lb. spools copper wire.
8	Cushions, axle seat.
1	Front sight complete.
4	Range rings for hand fuze setters.

No.	ARTICLES.
2	Fuze setter brackets.
2	Fuze setter latches.
1	Chest for miscellaneous spart parts.
8	Lanyards.
4	Lock-washer holders.
1	Set breech and muzzle-bore sights.
4	Oilers, horizontal.
4	Oil can boxes.
37	Oil cans, tubular.
5	Panoramic sights.
4	Pouches, leather, for spare parts.
5	Range quadrants.
5	Rear sights, complete.
4	Rear sight bracket covers.
4	Rear sight shank covers.
5	Sponges and rammers.
8	Spanner wrenches for caisson.
5	Sponge covers.
5	Spring compressors.
42	Paulin straps for limbers.
1	Slush brush.
4	Tompions.
4	Tool kits, canvas.
4	Cold chisels, $\frac{3}{4}$ " x 8".
4	Dead smooth files, 6", 3-square.
4	Hand smooth files, 8", flat.
4	Hand hammers, 12 $\frac{1}{4}$ " handles.
4	Large copper drifts.
4	Small copper drifts.
4	Pliers, wire cutting.
4	Small steel punches.
4	Spanner wrenches for carriage.
4	Range quadrant wrenches.
5	Wrenches, filling and drain plug, $\frac{5}{8}$ ".
6	Spare wheels.
4	Wrenches.
6	Oil can nozzles.
5	Spare wheel hub covers.
2	Covers for fuze setters.
2	Lunettes for caissons.
4	Lunette hubs for caissons.
6	Wrenches, nut, caisson.
4	Wrenches, screw, slot.
1	Set cleats and screws for holding mechanism box in battery wagon.
2	Wrenches .625" and .75".
7	Lantern globes.
6	Lantern burners.
16	Lantern wicks.
17	Lantern bracket pads, model 1902.
4	Spare wheel supports.
8	Spare wheel fastenings.
16	Bolts, nuts and washers for spare wheel supports.
8	Thongs for spare wheel fastenings.
8	Screws and washers for spare wheel fastenings.
16	Bolts and nuts for spare wheel fastenings.
32	Leather dust guards for wheel fastenings.
3	Corner irons, right, with nuts and washers.
3	Corner irons, left, with nuts and washers.
4	End tie rods, with 2 nuts and 2 washers each.
48	Carriage bolts, $\frac{1}{4}$ " x $\frac{1}{2}$ " long, with nuts.
24	Carriage bolts, $\frac{1}{4}$ " x 2 $\frac{1}{4}$ " long, with nuts.
4	Rear sight base projections, with rivets.
1	Rear sight base projection drill jig, with bolt.
4	Elevating gear covers for 3" gun carriage.
1	Rear sight top packing block.
1	Rear sight packing block.
1	Rear sight bracket packing block.
2	Spring compressors, No. 1, model 1911.
1	Spring compressor tackle block.

No.	ARTICLES.
<b>CLASS IV, SECTION 5.—SUBCALIBER FIRING ATTACHMENTS, CARTRIDGES, AND ACCESSORIES.</b>	
12	Drill cartridges.
2	Outfits subcaliber cartridges.
<b>CLASS IV, SECTION 8.—HARNESS AND ITS COMPONENTS FOR MOBILE ARTILLERY.</b>	
15	Sets artillery harness for 2 wheel horses, complete.
29	Sets artillery harness for 2 lead horses, complete.
44	Harness sacks.
7	Breast straps, complete.
6	Bridle headstalls.
6	Bridle reins.
8	Cinchas, artillery, wheel.
11	Collar straps.
4	Collars, steel.
6	Collar-strap hooks.
12	Collar pads, canvas.
3	Connecting straps.
3	Coupling straps.
9	Lead rein rollers and straps.
10	Martingales with cincha straps.
4	Mogul springs.
6	Side straps.
4	Traces, lead, wire.
4	Traces, wheel, wire.
176	Stirrups, model 1910.
48	Spring hooks for artillery whips.
88	Snaffle bits for artillery harness without snaps.
6	Snaffle bits, watering.
94	Snaffle bits, model 1911.
6	Breast strap hooks.
6	Side strap hooks.
8	Collar back-strap connections.
8	Bolts and nuts for extension.
8	Bolts and nuts for bottom of collar.
6	Bolts and nuts for top connections.
6	Bolts and nuts for trace plate.
2	Buckle latches.
6	Buckle springs.
4	Draft springs.
5	Nuts for bottom bolt.
5	Nuts for extension bolt.
3	Nuts for pad bolt.
5	Nuts for top connection bolt.
5	Nuts for trace-plate bolt.
6	Pad bolts and nuts.
6	Pad hooks.
2	Trace plates, with loops.
1	Set harness for wire cart team.
<b>CLASS IV, SECTION 9.—FORGE LIMBERS, BATTERY WAGONS, STORE WAGON LIMBERS, STORE WAGONS, IMPLEMENTS, AND EQUIPMENTS FOR MOBILE ARTILLERY.</b>	
1	Forge limber, model 1902.
1	Testing level.
1	Chest for testing level.
10	Range rings, model 1912.
4	Hand fuze setters for 21 sec. Combination fuze.
1	Battery wagon, model of 1902.
7	Padlocks and chains.
1	Jack screw packing set.
4	Screwdrivers, 10" and 5" blades.
1	Grindstone lower packing plate.

No.	ARTICLES.
6	Pliers, 10/75".
1	Store wagon, model 1902.
1	Chest for miscellaneous spare parts.
1	Store wagon limber, model 1902.
22	Axes, felling.
8	Ax helves.
2	Buckets, galvanized iron.
42	Buckets, watering, canvas.
1	Crowbar.
1	Grindstone, arbor cranks and frames, complete.
4	Bracket fuze setters for 21 second combination fuzes.
4	Leather cases for hand fuze setters.
14	Hatchets.
4	Hatchet handles.
1	Jackscrew.
15	Lanterns.
12	5-gallon Oil cans.
26	Paulins, 12' x 12'.
14	Pickaxes.
8	Pickax handles.
8	Pick mattocks.
15	Picket ropes.
10	Shovels, long handled.
17	Shovels, short handled.
4	Front sights.

CLASS V.—MISCELLANEOUS ARTICLES FOR MOBILE ARTILLERY.

3	Battery commander's rulers.
1	Battery commander's telescope.
8	Weldon range finders.
6	Tapes, steel, 100 ft.
2	Time interval recorders.
2	Chains for time interval recorders.
12	Extra strings for battery commander's rulers.
1	Fuze, base, percussion, sectional.
6	Fuze setters.
6	Covers for fuze setter brackets.
1	Empty shrapnel, sectional.
6	Pouches for Weldon range finders.
2	Movable targets.
5	Fixed appearing targets.
10	Covers for kneeling silhouettes, "A".
10	Covers for standing silhouettes, "B".
10	Covers for mounted silhouettes, movable targets.
10	Covers for gun and caisson silhouettes, "B".
200	Paper silhouettes, "D".
200	Paper silhouettes, "H".
50	Paper silhouettes, "N".
50	Paper silhouettes, "N, 1".
50	Paper silhouettes, "O".
50	Paper silhouettes, "S".
5	Boxes pasters, artillery.
6	Paste brushes.
300	Yards $\frac{1}{4}$ " sash cord.
45	$\frac{3}{4}$ " Metal pulleys.
1,500	Feet of $\frac{1}{4}$ " wire rope.
1,500	Feet of $\frac{1}{2}$ " wire rope.
1	Snatch block for $\frac{1}{2}$ " wire rope.
2	Case holders.
2	Case holder stands.
2	Cleaning brushes.
2	Decapping tools.
2	Hammers, bronze.
2	Powder measures.
2	Primer-inserting presses.
2	Bushings for Primer-inserting press.
2	Storage chests.

No.	ARTICLES.
CLASS VI.—AMMUNITION AND ITS COMPONENTS FOR FIELD ARTILLERY.	
50	Rounds fixed shrapnel.
100	Cartridge cases, not primed.
1	Combination fuze, 21" sectional.
CLASS VII, SECTION 1.—MAGAZINE RIFLES AND CARBINES, SPARE PARTS AND APPENDAGES.	
1,759	U. S. Magazine rifles, model of 1903.
10	Bolts with extractor collars.
10	Bolt stops.
5	Butt plate caps.
5	Butt plate cap springs.
5	Butt plate cap pins.
5	Butt plate cap screws.
10	Butt plate screws, large.
10	Butt plate screws, small.
10	Butt swivels.
5	Butt plates.
50	Cocking pieces and firing pin rods.
20	Cut-off spindles.
10	Cut-off spindle screws.
20	Cut-off springs.
20	Cut-off spring spindles.
20	Ejectors.
20	Ejector pins.
20	Extractors.
50	Firing pin sleeves.
5	Floor plate catches.
5	Floor plate catch pins.
5	Floor plate catch springs.
10	Followers.
20	Front sights.
30	Front sight pins.
10	Guard screws, front.
10	Guard screws, rear.
5	Guard screw bushings.
40	Hand guards.
10	Lower band springs.
10	Lower band swivels.
10	Lower band screws.
10	Magazine springs.
50	Mainsprings.
45	Rear sights, complete, model of 1905.
352	Rear sight drift slides and pins, .04 peep hole.
451	Rear sight drift slides and pins, .06 peep hole.
50	Rear sight leaves, complete, model of 1905, with slide and cap assembled.
100	Rear sight slides, with slide and cap assembled.
100	Rear sight slide cap pins.
100	Rear sight slide screws.
100	Rear sight slide cap screws, model of 1905.
125	Rear sight windage screws, assembled, model of 1905.
20	Safety locks, assembled.
20	Sears.
20	Sear joint pins.
25	Sear springs.
20	Sleeves, complete.
10	Sleeve locks.
10	Sleeve lock pins.
10	Sleeve lock springs.
30	Stacking swivels.
30	Stacking swivel screws.
50	Stocks.
92	Strikers.
5	Trigger pins.
25	Upper band screws.

No.	ARTICLES.
5	Triggers.
10	Upper bands.
10	Lower bands.
457	Barrack cleaning rods, calibre .30.
2,022	Front sight covers.
357	Screwdrivers.
1,776	Oilers and thong cases.
1,839	Brushes and thongs.
5	Guards.
5	Floor plates.
50	Base springs, rear sight.
100	Thong cords.
100	Thong brushes.
10	Rear sight joint pins.
4	Telescopic musket sights, model 1908.
4	Pouches for telescopic musket sights.
4	Screwdrivers for telescopic musket sights.
10	U. S. magazine rifles, caliber .30, model of 1898 (model of 1902 sights).
50	Cut-offs, complete.
100	Rear sight slides, complete, model of 1901.
100	Rear sight slide binding screws, model of 1901.
100	Rear sight slide cap screws, model of 1901.
100	Rear sight slide cap pins, model of 1901.
151	Barrack cleaning rods.
279	Front sight and muzzle covers.
180	Screwdrivers.
168	Small arm oilers.
103	Covers for breech mechanism.
60	Gallery practice rifles, model of 1903.
40	Barrack cleaning rods, caliber .22.
886	Cartridge holders.
14	Front sight pins.
39	Ramrods.
40	Rear sights, without windage screws.
14	Front sights.
50	Cartridge holder nuts.
50	Cartridge holder springs.
40	Mainsprings.
CLASS VII, SECTION 2.—PISTOLS AND REVOLVERS, AND THEIR SPARE PARTS AND APPENDAGES.	
424	Colts revolvers, caliber .38, model of 1901.
7	Colts revolvers, caliber .38, model of 1903.
264	Screwdrivers.
CLASS VII, SECTION 5.—HAND ARMS AND THEIR SPARE PARTS AND APPENDAGES.	
9	Noncommissioned officers' swords.
47	Hospital corps knives.
9	Scabbards for noncommissioned officers' swords.
47	Scabbards for Hospital Corps knives.
1,690	Knife bayonets, model of 1905.
1,690	Bayonet scabbards, model of 1905.
20	Bolos, model 1909.
20	Bolo sheaths, model 1908.
214	Bayonet scabbards, caliber .30, model of 1899.
CLASS VIII.—AMMUNITION AND ITS COMPONENTS.	
35,000	Ball cartridges, caliber .30, model of 1906.
9,000	Blank cartridges, caliber .30, model of 1906.
17,060	Guard cartridges, caliber .30, model of 1903.
20,000	Gallery practice cartridges, caliber .30, model of 1898 rifle.
15,000	Revolver ball cartridges, caliber .38.
2,000	Revolver ball cartridges, caliber .45.
1,000	Dummy cartridges, caliber .30, model 1906.



No.	ARTICLES.
CLASS IX, SECTION 1.—INFANTRY EQUIPMENTS AND THEIR COMPONENTS.	
1,425	Blanket roll straps, sets.
2,137	Canteens, tin.
2,173	Canteen haversack straps.
2,793	Canteen straps, web.
1,454	Cartridge belts, woven, caliber .30, Infantry, model of 1903.
1,854	Cartridge belt suspenders.
120	Cartridge boxes, russet, caliber .38.
13	Cups, aluminum.
2,112	Cups, tin.
2,122	Forks.
1,760	Gun slings, model of 1907.
2,099	Haversacks.
2,122	Knives.
2,122	Meat cans, tin.
1,583	Pouches for first aid packets, model 1907.
426	Revolver holsters, russet, caliber .38.
400	Revolver lanyards.
7	Sliding frogs for N. C. O. waist belts.
2,107	Spoons.
1,769	Waist belts, russet.
1,200	Waist belt adapters.
115	Cartridge belts, revolver, caliber .38, model 1903.
57	Officers' belts and plates.
300	Canteen corks and chains.
100	Canteen covers, duck.
16	Canteen strap snap hooks.
CLASS IX, SECTION 2.—CAVALRY EQUIPMENTS AND THEIR COMPONENTS.	
40	Canteen straps, Cavalry.
6	Rifle cartridge belts, model 1903.
64	Cartridge belts, woven, Cavalry, caliber .30, with loops.
300	Cartridge belts, woven, Cavalry, caliber .38 or .45, revolver, model 1903, with saber ring.
163	Cartridge boxes, caliber .38, revolver.
19	Holsters for Colt automatic pistol, caliber .45.
19	Slides for enlisted men's belts.
13	Revolver holsters, caliber .38.
30	Revolver lanyard snaps.
63	Saber knots.
422	Spurs.
422	Spur straps.
64	Carbine scabbards and straps.
3	Carbine boots.
99	Waist belts, with plates, Cavalry, black.
13	Revolver cartridge belts, model 1909, without rings for saber attachment.
CLASS IX, SECTION 3.—ARTILLERY EQUIPMENT AND COMPONENTS.	
150	Cartridge belts, revolver, caliber .38, model of 1903, without saber rings.
CLASS IX, SECTION 4.—BAND EQUIPMENTS.	
28	Waist belts, Infantry, band.
CLASS IX, SECTION 5.—HORSE EQUIPMENTS AND THEIR COMPONENTS.	
32	Bridle snaps, watering.
104	Bridles, watering.
78	Bridle headstalls.

No.	ARTICLES.
78	Bridle reins, curb, model of 1902.
16	Cinchas, hair.
78	Curb bits, model of 1892.
78	Curb chains, model of 1904.
138	Currycombs.
68	Halter squares.
212	Halter headstalls.
212	Halter straps.
144	Horse brushes.
225	Horse covers.
63	Lariats.
63	Lariat straps.
114	Links.
129	Nosebags, Khaki.
83	Nosebags, leather bottoms.
63	Picket pins.
70	Rifle scabbards.
66	Saddles, Cavalry, McClellan.
131	Saddlebags, prs.
109	Saddle blankets, gray.
121	Saddle blankets, olive drab.
170	Saddle blankets, red.
1	Stirrups, hooded, with guidon socket.
8	Stirrup straps.
130	Surcingles, Artillery.
104	Surcingles, Cavalry.
36	Bridle snaps, watering.
30	Brow band ornaments.
20	Halter bolts.
20	Halter swivel rings.
46	Foot staples, high.
46	Foot staples, low.
15	Saddlebag ovals.
30	Saddle ovals.
10	Saddle shields.
46	Foot staples, semicircular.
20	Saddle nails.
12	Saddlebag studs.
67	Saddles, complete, black leather.
133	Artillery knapsacks.
52	Sabre belts, Light Artillery.
59	Sabre belt plates, Light Artillery.
75	Bridle headstalls, black leather.
75	Bridle reins, black leather.
75	Curb straps, black leather.
5	Saddlecloths, service, for enlisted men, without insignia.
5	Saddle covers.
63	Watering bridles, black.

## CLASS X, SECTION 1.—ARM CHESTS, ARM RACKS, ETC.

2	Arm chests for automatic rifles.
16	Arm chests for model of 1898 rifle.
176	Arm chests for model of 1903 rifle.
9	Arm chests for gallery practice rifle, model 1903.
5	Arm chests, revolver, caliber .38.
2	Arm racks, revolver, caliber .38.
1	Packing chest for 50 spare stocks, model 1903 rifle.

## CLASS X, SECTION 3.—INTRENCHING TOOLS AND THEIR CARRIERS.

52	Hand axes.
52	Hand ax carriers.
80	Pick mattocks.
80	Pick mattock carriers.
14	Rules, boxwood, 2-ft., 4-fold.
224	Shovels.
224	Shovel carriers.
42	Wire cutters, 10-inch.

No.	ARTICLES.
<b>CLASS X, SECTION 5.—MARKING, STENCIL AND ETCHING OUTFITS.</b>	
1	Marking outfit, complete.
1	Stamping outfit for identification tags.
2	Stencil plates, shell and flame.
2	Marking outfits, model 1910, metal goods.
2	Seal stamps, "M. G. Co., 1st Infantry."
23	Stencil outfits.
2	Boxes stencil paste.
1	Ordnance department, insignia stencil.
2	Seal stamps.
<b>CLASS X, SECTION 7.—TARGETS AND TARGET MATERIALS AND SUPPLIES FOR SMALL AND HAND ARMS PRACTICE.</b>	
20	Sliding targets, complete.
958	Paper targets "A".
758	Paper targets "B".
550	Paper targets "C".
730	Paper targets "D".
200	Paper targets "N".
4,000	Paper targets "X".
252	Paper targets "A 1".
4,000	Paper targets "Z".
200	Paper targets "F".
250	Paper targets "K".
3,000	Pasteboard targets for Hollifield recording rifle rod outfit.
4,000	Paper targets "Y".
18	Recording rifle rod outfits, complete.
50	Skirmish target frames "D".
50	Skirmish target frames "E".
180	Paper silhouettes "D".
252	Paper silhouettes "E".
70	Belgian aiming devices.
<b>CLASS X, SECTION 9.—TOOLS FOR REPAIRING ARMS, EQUIPMENTS, ETC.</b>	
1	Chest.
1	Anvil and block.
1	Hammer, steel.
1	Bullet jacket extractor.
10	Drifts.
1	Pliers.
3	Screwdrivers.
1	Set No. 1.
1	Assembling tool.
1	Block, wood.
1	Hammer, brass.
1	Set No. 2.
<b>BLACKSMITHS' TOOLS.</b>	
1	Anvil, 100 lbs., cast iron, steel face, $\frac{3}{4}$ " square hole.
3	Anvils, 17.5 lbs.
3	Aprons, leather.
1	Block, anvil.
2	Boxes shoeing leather.
1	Bucket, iron.
1	Chest for anvil and block.
1	Chest, forge.
1	Chisel, cold, hand, $\frac{3}{4}$ " x 8".
1	Chisel, handled, for hot iron, 1½ lbs.
4	Chisels, handled, for cold iron, 2 lbs.
6	Drills, flat, sizes $\frac{1}{4}$ ", $\frac{3}{8}$ ", and $\frac{1}{2}$ ", square shank, 6" long.
2	Files, flat, 12", bastard.
1	Flatters, handled, 1½", square shank.
2	Fore punches and creasers, handled.

No.	ARTICLES.
2	Portable forges, empire.
4	Hammers, hand, handled.
1	Hammer, riveting, 1 lb. 2 oz.
4	Hammers, shoeing.
3	Hammers, sledge, 11 lbs.
1	Handle, file, aluminum, 5", flat.
1	Hardie, $\frac{3}{4}$ " square shank, $1\frac{1}{4}$ " bit.
3	Hardies, $\frac{1}{2}$ " square shank, $1\frac{1}{2}$ " bit.
1	Hoof and cutting nippers, 10".
4	Irons, clinching.
6	Knives, shoeing, bone handle.
4	Knives, toe.
1	Oiler, copperized, 3" straight spout.
2	Pincers, shoeing, 12".
4	Pritchels.
2	Punches, hand, round.
1	Punch, hand, square.
4	Punches, nail.
2	Rakes, fire.
4	Rasps, shoeing, 14" and 16".
1	Ratchet drill, for square-shank drills.
5	Rivet sets, $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ".
1	Rule, boxwood, 2-ft. 4-fold, full brass bound.
1	Screw plate, 22", with taps and dies.
2	Shovels, fire.
1	Square, steel, 16" x 24", body 24" x 2", tongue 16" x $1\frac{1}{2}$ ".
2	Tongs, horseshoers, 12" long.
1	Tongs for $\frac{1}{4}$ " iron, straight lipped.
1	Tongs for $\frac{1}{2}$ " iron, straight lipped.
1	Vise, wrought steel, solid box, $3\frac{3}{4}$ " polished jaws.
1	Vise, $2\frac{1}{2}$ " jaws, $1\frac{1}{4}$ " opening.
1	Wrench, forge.
2	Wrenches, screw, 12", solid bar.
6	Bags, canvas, for small stores.
1	Crowbar attachment.

## CARPENTERS' TOOLS.

1	Hand ax, 7" blade.
1	Bevel, 8", rosewood handle, flush lever.
6	Augur bits, sizes $\frac{1}{4}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ ", $1\frac{1}{2}$ ".
1	Wood countersink bit, $\frac{1}{2}$ " diameter, rosehead.
1	Expansive bit, two cutters, $\frac{7}{8}$ " to 3".
3	Screwdriver bits, sizes $\frac{3}{8}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ".
1	Ratchet brace, 10" sweep.
3	Chisels, socket, framing, sizes 1" and $1\frac{1}{2}$ ".
1	Wing divider, 10", forged steel.
4	Twist drills, $\frac{6}{32}$ ", $\frac{7}{32}$ ", $\frac{8}{32}$ ", $\frac{9}{32}$ ", square shanks.
1	File, flat, 10" bastard.
6	Files, saw, sizes 4" and 6".
1	Marking gauge, brass thumbscrew, shoe and face.
1	Gouge, socketfirmer, size $\frac{1}{2}$ ".
1	Gouge, socketfirmer, size 1".
1	Claw hammer, adz-eye, bell-face, 1 lb. 4 ozs.
1	Tool handle, containing 10 tools, Cocobolo handle.
2	File handles, aluminum, 5" flat.
1	Drawing knives, 9" blade.
1	Mallet, $2\frac{3}{4}$ " x 5", maple, hickory handle.
1	Nail set.
1	Oiler copperized, $\frac{3}{8}$ " diameter, 3" straight spout.
1	Oilstone, unmounted, 8" x 2" x 1".
1	Pincers, small, 8", solid steel.
1	Jack Plane, wood, 16" x $2\frac{1}{4}$ ", double bit.
1	Smoothing plane, wood, 16" x $2\frac{1}{4}$ " double bit.
1	Smoothing plane, wood, 8" x 2", double bit.
1	Augur handle plate.
1	Wood rasp, 10", half round.
1	Reamer, half round, for wood or soft metal.
1	Rule, boxwood, 2-ft., 4-fold.

No.	ARTICLES.
1	Crosscut saw, hand, 24", 7-point.
1	Ripsaw, 24", 5-point.
1	Saw set.
1	Screwdriver, commercial, 5" blade.
1	Adjustable spokeshave, raised handle, 2½" cutter.
1	Steel square, 12" body, 8" tongue.
1	Tapeline, line, 100 ft.
1	Table vise, 2½" jaw, 2½ lbs.
1	Screw wrench, 12" solid bar.
1	Chisel, cold.
	SADDLERS' TOOLS.
2	Pegging awls.
51	Awl blades, harness, assorted.
4	Awls, stub and seat, handled.
2	Pricking carriages, three wheels.
4	Needlecases, leather.
3	Stitching clamps.
4	Compasses, 6".
2	Creasers, double, lignum-vitae.
2	Edge tools, No. 1.
4	Edge tools, No. 2.
4	Draw gauges, brass.
8	Blades, extra, with followers for draw gauge.
4	Riveting hammers, No. 2.
7	Peg awl handles.
24	Awl handles, flat, imitation ebony, assorted.
1	Stitching horse.
4	Round knives, 5".
4	Shoe knives, square point.
2	Shoe knives, broad point.
2	Splitting knives.
6	Papers Glovers' needles, No. 3.
14	Papers harness needles, No. 4.
9	Papers harness needles, No. 5.
9	Papers harness needles, No. 6.
1	Paper sacking needles, assorted.
4	Cutting nippers, No. 10".
2	Sewing palms, leather.
4	Oilstones, unmounted, 1½" x 2" x 8".
2	Pliers, 6".
7	Hand punches, round, Nos. 5, 7, 8, and 10.
4	Hand punches, oval, Nos. 4 and 6.
4	Revolving punches, four tubes, Nos. 4, 5, 6, and 7.
4	Rivet sets.
4	Rules, boxwood, 2-ft., 4-fold.
2	Screwdriver, commercial, 3" blade.
2	Shears, 10", bent trimmers.
2	Slickers, steel.
11	Thimbles, silver-lined, steel.
4	Claw tools.
1	Saddler's tool bag.
1	Tack and thread bag, cotton duck.
1	Wax bag, leather.
1	Driving punch.
	CLASS X, SECTION 10.—CLEANING MATERIALS, CLOTH, ROPE, THREAD, HARDWARE, LEATHER HIDES, OILS, PAINTS, TOOLS AND UTENSILS.
2	Lbs. borax.
1	Box cleaning materials.
40	Tin boxes, leather dressing, 16-oz. each.
122	Tin cans cosmic No. 80, soft, 1 quart each.
80	Tin cans linseed oil, 1 pint each.
18	Button brushes.
10	Button sticks.
8	Chamois skins.
2	Cleaning plates.
6	Wire scratch brushes.

No.	ARTICLES.
136	Lbs. cotton waste.
40	Quires crocus cloth.
2	Quires emery cloth.
12	Lbs. concentrated lye.
7	Lbs. rotten stone.
297	Lbs. Sal. soda.
80	Lbs. Properts soap.
502	Lbs. Castile soap.
2	Lbs. Gibson's polish.
658	Lbs. H. H. soap.
96	Sponges.
3	Thimbles.
18	Sash brushes, No. 3 and No. 5.
140	Lbs. harness soap.
37	Bottles ammonium carbonate.
65	Bottles ammonium persulphate.
216	Bottles ammonia, 28 $\frac{7}{8}$ %.
10	Pieces sash cord, 8/32", 100-ft. length.
2	Lbs. carpet thread, No. 18.
200	Yards cotton cloth (target), 76" wide.
8	Lbs. shoe thread, No. 3.
8	Lbs. shoe thread, No. 10.
50	Yds. webbing linen, red.
1 $\frac{1}{2}$	Lbs. beeswax.
5	Lbs. brown wax.
3	Lbs. white wax.
1,000	Ft. Manilla rope, $\frac{1}{2}$ ".
4	Yards cotton duck, No. 1.
4	Yards cotton duck, No. 4.
4	Yards cotton duck, No. 8.
30	Buckles, brass bar, $\frac{5}{8}$ ".
26	Buckles, brass bar, $\frac{3}{4}$ ".
6	Buckles, brass bar, $\frac{3}{4}$ ", saalbach.
18	Buckles, brass bar, $\frac{7}{8}$ ".
36	Buckles, brass wire, $\frac{3}{4}$ ".
46	Buckles, iron bar, $1\frac{1}{8}$ ".
46	Buckles, iron bar, $1\frac{1}{8}$ ", tongueless.
42	Buckles, iron bar, $1\frac{3}{4}$ ".
36	Buckles, iron barrel roller, $\frac{5}{8}$ ".
28	Buckles, iron barrel roller, $\frac{3}{4}$ ".
54	Buckles, iron barrel roller, $\frac{7}{8}$ ".
36	Buckles, iron barrel roller, 1".
32	Buckles, iron barrel roller, $1\frac{1}{4}$ ".
36	Buckles, iron barrel roller, $1\frac{1}{2}$ ".
4	Buckles, iron roller, $\frac{3}{4}$ ", tongueless.
14	End hooks,, brass wire.
10	Lbs. nails.
30	Rings, brass wire D, $\frac{3}{4}$ ", and clasps.
24	Rings, iron, $1\frac{1}{4}$ ".
12	Rings, iron, $1\frac{5}{8}$ ".
12	Rings, iron, $1\frac{3}{4}$ ".
4	Rings, iron, 2".
20	Rings, iron, 4".
11	Lbs. rivets and burs, brass, $\frac{3}{8}$ ", No. 12.
2	Lbs. rivets and burs, brass, $\frac{1}{2}$ ", No. 10.
30	Tubular caps, 5/16".
60	Rivets and burs, brass, 1", No. 8.
1	Lb. rivets and burs, brass, $\frac{3}{4}$ ", No. 10, oval head.
1	Gross screws, brass, 1", No. 6.
1	Gross screw pins, brass, $\frac{3}{4}$ ".
1	Gross iron screws.
12	Snaps, covert, 1".
96	Brass screws, $\frac{5}{8}$ ".
6	Snap hooks, bronze, $\frac{7}{8}$ ".
60	Brass ovals.
1	Paper tacks, copper, 12 oz.
1	Paper tacks, copper, 20 oz.
1	Paper tacks, copper, 20 oz.
23	Papers iron tacks.



No.	ARTICLES.
20	Brass saddle bag studs.
120	Brass screw pins, $\frac{3}{4}$ ", No. 12.
6	Halter bolts.
1	Lb. rivets and burs, brass, $\frac{5}{8}$ ", No. 10.
1	Lb. rivets and burs, brass, $\frac{3}{4}$ ", No. 10.
10	Buckles, wire, $\frac{3}{4}$ ".
8	Chock plates.
8	Chock staples.
4	Bolt swivel snaps, $1\frac{1}{8}$ " loop eye.
8	Sides bridle leather, russet.
7	Sides collar leather, russet.
220	Lbs. harness leather, russet.
1	Side rawhide.
40	Sheepskins, with wool on.
5	Gallons, lubricating oil.
1,170	Ozs. lavoline.
5	Gallons cylinder oil.
25	Gallons hydrolin oil.
62	Gallons neatsfoot oil.
42	Gallons sperm oil.
6	Gallons turpentine.
22	Lbs. blue paint.
75	Lbs. olive drab paint, second coat.
105	Lbs. olive drab paint, third coat.
10	Gallons rubberine paint.
4	Quarts brown enamel primer.
4	Varnish brushes, oval, 4-0.
6	Varnish brushes, oval, 5-0.
4	Varnish brushes, oval, 6-0.
2	Brushes, camels hair, 1", round.
CLASS X, SECTION 11.	
3	Photolithographs, 6", D. C., L. F., model 1903, drawings No. 2, 3, and 4.
3	Blueprints, 8", D. C., L. F., model 1894, drawings Nos. 1, 2, and 3.
3	Blueprints, general method of controlling the energy of recoil in gun carriages, drawings 15-01.
6	Blueprints 12", D. C., L. F., model 1897, drawings, Nos. 1, 3, 6, and 9.
8	Handbooks of automatic machine rifle, model 1909, with pack outfits and accessories, form No. 1926.

QUARTERMASTER'S STORES, PROPERTY OF THE U. S. GOVERNMENT, IN HANDS OF TROOPS AND IN ARSENAL  
SEPTEMBER 1, 1912.

No.	ARTICLES.
182	Axes, with helvcs.
16	Bags, nose.
63	Bands, cap, Artillery.
2	Bars, lead, ambulance.
1,997	Blankets, woolen.
1,546	Breeches, service, khaki.
1,800	Breeches, service, olive drab.
7	Brushes, horse.
72	Brushes, scrubbing.
7	Buckets, water, galvanized iron.
300	Buttons, overcoat, bronze, large.
300	Buttons, coat, bronze, small.
2	Cans, water, Ambulance.
430	Caps, dress, Artillery.
80	Caps, dress, Cavalry.
20	Caps, Dress, Hospital Corps.
1,599	Caps, dress, Infantry.
63	Caps, dress, plain.
19	Caps, forage.
1,445	Caps, service, olive drab.
6	Cases, color.
1	Case, guidon.
290	Chevrons, cloth, prs.
113	Chevrons, cloth, Artillery, service peace, prs.
62	Chevrons, cloth, Cavalry, service peace, prs.
825	Chevrons, gold lace, service, prs.
91	Chevrons, olive drab, prs.
20	Coats, dress, Hospital Corps.
348	Coats, denim, blue.
1,367	Coats, service, khaki.
1,814	Coats, service, olive drab.
430	Coats, dress, Artillery.
100	Coats, dress, Cavalry.
1,452	Coats, dress, Infantry.
4	Colors, service, national.
1	Color, silk, national.
1	Color, silk, Coast Artillery Corps.
7	Combs, curry.
2	Cords and tassels, silk.
93	Cords and tassels, trumpet.
4	Cords and tassels, worsted.
450	Cords, breast, Artillery.
100	Cords, breast, Cavalry.
50	Cords, breast Hospital Corps.
1,200	Cords, breast, Infantry.
25	Cords, breast, Signal Corps.
1	Cord, breast, Quartermaster's Department.
150	Cords, hat, Artillery.
100	Cords, hat, Cavalry.
1,508	Cords, hat, Infantry.
2	Cords, hat, Quartermaster Dept.
1,419	Cots, gold medal.
27	Desks, field.
4	Doubletrees, escort wagon.
50	Elbows, stovepipe, tent.
150	Files, general order.
3	Flies, tent, storage.
10	Flies, tent, hospital.
107	Flies, tent, wall.
200	Gauntlets, prs.
2	Grease, axle, 2-lb. cans.
8	Grease, axle, 4-lb. cans.
12	Guidons, Ambulance.

No.	ARTICLES.
1	Guidon, service, "Troop A, Cavalry".
8	Hames, Ambulance, prs.
181	Hatchets and helves.
499	Hats, campaign.
300	Hats, denim, blue.
1,596	Hats, service.
250	Joints, stovepipe, tent.
3	Kingbolts, Ambulance.
400	Laces, breeches, olive drab.
6	Lamps, Ambulance.
60	Lanterns, assorted.
1,860	Leggings, puttee, prs.
600	Letters, hat.
15	Links, open, assorted.
3	Nails, horseshoe, lbs.
600	Numbers, hat.
6	Nuts, axle, Ambulance.
247	Ornaments, cap, bronze, Artillery.
161	Ornaments, cap, bronze, Cavalry.
300	Ornaments, cap, bronze, Coast Artillery Corps.
110	Ornaments, cap, bronze, Hospital Corps.
2,127	Ornaments, cap, bronze, Infantry.
50	Ornaments, cap, bronze, Signal Corps.
244	Ornaments, cap, gilt, Artillery.
200	Ornaments, cap, gilt, Cavalry.
300	Ornaments, cap, gilt, Coast Artillery Corps.
1	Ornament, cap, gilt, Quartermaster Dept.
110	Ornaments, cap, gilt, Hospital Corps.
1,283	Ornaments, cap, gilt, Infantry.
50	Ornaments, cap, gilt, Signal Corps.
1,700	Ornaments, collar, bronze buttons, Coast Artillery Corps.
200	Ornaments, collar, bronze buttons, Hospital Corps.
5,200	Ornaments, collar, bronze buttons, Infantry.
100	Ornaments, collar, bronze buttons, Signal Corps.
100	Ornaments, collar, bronze buttons, N. C. S., 1st Infantry.
88	Ornaments, collar, gilt, First Field Artillery.
200	Ornaments, collar, gilt, First Cavalry.
600	Ornaments, collar, gilt, Coast Artillery Corps.
200	Ornaments, collar, gilt, Hospital Corps.
2,000	Ornaments, collar, gilt, Infantry.
100	Ornaments, collar, gilt, Signal Corps.
2	Ornaments, collar, gilt, Quartermaster Dept.
3,253	Ornaments, collar, gilt, "N. H."
1,700	Ornaments, hat (badges for campaign hats for field service).
1,459	Overcoats, service, heavy, olive drab.
1	Paper, drawing, 10 yds. by 36 in., rolls.
18	Paulins, large.
5	Paulins, wagon.
158	Pickaxes and helves.
1,182	Pins, tent, large.
13,169	Pins, tent, small.
8,043	Pins, shelter tent, small.
4	Poles, coupling, escort wagon.
165	Poles, conical wall tent.
10	Poles, ridge, hospital tent.
23	Poles, ridge, common tent.
107	Poles, ridge, wall tent.
3	Poles, ridge, jointed, storage tent.
1,998	Poles, shelter tent.
9	Poles, upright, large, storage tent.
30	Poles, upright, small, storage tent.
20	Poles, upright, hospital tent.
46	Poles, upright, common tent.
214	Poles, upright, wall tent.
1,993	Ponchos.
24	Pouches, music.
28	Pouches, music, large, olive drab.
28	Pouches, music, small, olive drab.

No.	ARTICLES.
115	Protectors, tent.
32	Rope, $\frac{3}{8}$ " , Manilla, lbs.
1,997	Shelter halves.
1,356	Shirts, olive drab.
50	Shovels, short-handled.
4	Singletrees, escort wagon.
225	Slickers.
5	Slings, color, olive drab.
128	Spades.
4	Spades, short handle.
8	Sponge, coarse, ounces.
6	Staffs, color.
1	Staff, guidon.
320	Stools, camp, gold medal.
50	Stoves, tent.
165	Straps, conical wall.
21	Straps, hame.
12	Strings, hame.
95	Stripes, trouser, Artillery, corporal, prs.
25	Stripes, trouser, Artillery, musician, prs.
50	Stripes, trouser, Artillery, sergeant, prs.
40	Stripes, trouser, Cavalry, corporal, prs.
10	Stripes, trouser, Cavalry, sergeant, prs.
42	Stripes, trouser, Infantry, sergeant, prs.
6	Stripes, trouser, Hospital Corps, sergeant, prs.
1	Stripes, trouser, post-quartermaster sergeant, prs.
1,500	Tags, identification.
1,500	Tape, brown, for identification tags, yards.
23	Tents, common.
164	Tents, conical wall.
10	Tents, hospital.
3	Tents, storage.
107	Tents, wall.
4	Tongues, escort wagon.
165	Tripods, conical wall tent.
348	Trousers, denim, blue.
1,486	Trousers, foot, dress.
36	Trumpets with extra mouthpiece.
4	Twine, cable laid, lbs.
3	Wagons, Ambulance.
4	Wagons, escort, with oscillating tool boxes, etc.
1	Wagon, improved dougherty, complete.
3	Whiplashes, Ambulance.
3	Whipstocks, Ambulance.
60	Whistles.
18	Wicks, lantern, assorted.
3	Wrenches, monkey, assorted.

FIELD MEDICAL PROPERTY OF THE U. S. GOVERNMENT  
IN HANDS OF TROOPS AND IN ARSENAL, SEPTEMBER  
1, 1912.

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No.	ARTICLES.
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3	Basins, wash, hand, enamel.
1	Bedding and clothing, tent unit of.
3	Buckets, galvanized iron.
3	Buckets, white enamel.
4	Candlesticks, metal, folding.
10	Cases, emergency.
1	Chest, commode.
4	Chests, detached service.
1	Chest, food, filled.
1	Chest, medical.
3	Dressings, surgical, reserve, boxes.
20	Handbooks of hospital corps—Mason.
1	Hatchet.
31	Litters with slings.
2,022	Packets, first aid.
42	Pouches, Hospital Corps.
10	Pouches, orderly.

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SIGNAL CORPS PROPERTY OF THE U. S. GOVERNMENT IN  
HANDS OF TROOPS AND IN ARSENAL, SEPTEMBER, 1,  
1912.

No.	ARTICLES.
4	Telephones, American Electric.
25	Insulators, glass, pony.
150	Knobs, porcelain, with screws.
25	Brackets, insulator.
1	Braces and bits, sets.
1	Pulley and tackle with rope (150 ft.).
3	Climbers and straps, prs.
2	Axes with handles.
8	Batteries, dry, Columbia.
2	Belts for linemen.
1	Tape, insulating.
3	Screwdrivers, 10".
3	Pliers, 8".
2½	Wire, Twisted pair lined, miles.
2	Shovels, long handled.
4	Kits, flag, 2 ft.
2	Lanterns, field, colt, acetylene.
2	Spectacles, smoked, in cases.
22	Pencils, lead.
2	Telephones, field.
4	Cells, dry, No. 6, reserve.
3	Reels, hand.
5	Rods, ground.
1	Reel, breast.
2	Glasses, field, day and night, with cases, straps and slings.
2	Heliographs, complete, with tripods and shutters.
50	Charges, carbide.
5	Discs, cipher, celluloid.
28	Cells, dry, 4-0, reserve.
1	Handle, pay-out.
1	Holder for telescope.
1	Telescope (Spencer Lens Co.), powers 12 and 27.
2	Buzzers, field, model 1908.
4	Kits, inspector's pocket.
6	Glasses, field, type B, with cases, straps and slings.
4	Wire, buzzer, spools.
3	Connectors, buzzer, model A, with 19 point studs.
1	Glasses, field, type C, with case, strap and sling.
3	Telephones, field Artillery type, model 1910.
1	Case for dry cells for field Artillery type telephones.
4	Connectors, buzzer, type D.
9	Batteries, tungsten, type A.
6	Carriers, buzzer wire.
1	Case, map, for officer's dispatch case.
6	Covers for buzzer wire carriers.
15	Books, field message.
2	Buckets, water, canvas.
18	Candles, lantern.
2	Cells, dry, for cavalry buzzer.
1	Compass, pocket, K. & E.
50	Envelopes, field message.
3	Knives, brush cutting, 18" blade.
6	Lanterns, candle, folding, galvanized iron.
6	Matches, wind, safety, boxes.
2	Pads, hand, leather.
1	Paulin, for wire cart.
4	Pikes, wire, complete.
14	Pliers, 5", for inspector's pocket kit.
3	Tape, friction, lbs.
1½	Wire, buzzer, on carriers, miles.
5	Wire, field, 11-strand, miles.
50	Glasses, type A, model 1910, with cases, straps and slings.
14	Knives, electricians, for inspector's pocket kit.
2	Megaphones, field Artillery, complete with straps.



SUBSISTENCE STORES, PROPERTY OF THE U. S. GOVERNMENT, IN HANDS OF TROOPS AND IN ARSENAL, SEPTEMBER 1, 1912.

No.	ARTICLES.
3	Axes.
36	Bags, cotton.
18	Bags, gunny.
5	Bags, nail.
6	Blades, meat saw, 22".
113	Boilers.
1	Lb. stove bolts.
1	Brace, carpenter.
6	Candlesticks.
3	Chests, commissary.
27	Choppers, meat.
35	Cleavers.
8	Covers, boilers.
1	Desk, field.
30	Dippers.
2	Drills, twist.
6	Faucets, wood.
35	Forks.
3	Funnels.
1	Grinder, meat.
3	Hammers, claw.
3	Handles, ax.
3	Handles, hammer.
3	Handles, hatchet.
3	Hatchets, claw.
18	Hooks, meat.
1	Iron, soldering.
32	Knives, butcher.
43	Lanterns, folding.
3	Measures, liquid.
4½	Lbs. nails.
18	Packing needles.
25	Can openers.
3	Box openers.
58	Pans, bake.
9	Pencils, lumber.
49	Elbows, pipe, smoke.
100	Joints, pipe, smoke.
1	Pliers, combination.
28	Ranges, field.
2	Rests, pan.
½	Lb. rosin.
3	Saws, hand.
37	Saws, meat.
2	Scales, platform folding.
3	Scales, spring balance.
6	Scoops.
3	Scrapers, box.
3	Screwdrivers.
7	Sharpeners, knife.
1	Shears.
8	Sheets, steel.
30	Shovels.
31	Sieves, flour.
32	Skimmers.
1½	Lbs. solder.
34	Spoons.
30	Steels, butcher.
32	Turners, cake.
6	Sacking twine, lbs.
46	Cleaners, pot, wire.
35	Dredges, flour.
36	Dredges, pepper.
24	Dredges salt.

No.	ARTICLES.
25	Guards, tent.
30	Ladles, pierced.
30	Ladles, plain.
3	Borers, tap.
300	Clothesline, feet.

ENGINEER PROPERTY OF THE U. S. GOVERNMENT IN  
HANDS OF TROOPS AND IN ARSENAL, SEPTEMBER 1,  
1912.

No.	ARTICLES.
25	Compasses, box, pocket, square.
3	Boards, drawing, 31" x 42", with folding trestles.
6	Scales, triangular.
50	Pads, reconnaissance.
50	Notebooks, field.
10	Pace tallies.
2	Cavalry sketching cases.
1	Clinometer, service, in leather case.
10	Protractors, rectangular.
144	Tacks, thumb.







TWENTY-THIRD REPORT  
(NINTH BIENNIAL)  
RELATING TO THE  
REGISTRATION AND RETURN  
OF  
BIRTHS, MARRIAGES  
DIVORCES AND DEATHS  
IN  
NEW HAMPSHIRE

FOR THE YEARS 1910 AND 1911

---

VOLUME XX, NEW SERIES

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CONCORD, NEW HAMPSHIRE



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CONCORD, N. H.

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# THE STATE OF NEW HAMPSHIRE,

---

OFFICE OF THE REGISTRAR OF VITAL STATISTICS.

CONCORD, September 1, 1912.

*To His Excellency the Governor and the Honorable Council:*

I have the honor to submit herewith, in accordance with the laws of the State of New Hampshire, the twenty-third report relating to the registration of births, marriages, divorces and deaths, in this state for the years ending December 31, 1910 and December 31, 1911.

Respectfully submitted,

*Irving A. Watson*

*Registrar of Vital Statistics.*

## REGISTRATION REPORT.

### RETURNS FOR 1910 AND 1911.

Herewith is rendered a statistical return of births, marriages, divorces and deaths, as made to the department of vital statistics for the calendar years 1910 and 1911.

In addition thereto there is a summary, commencing with Table No. 17, showing certain features of similar returns for the past twenty-eight years: since such statistics have been of sufficient completeness to be of value. Most of the computations are based upon an estimated population, except for the census years.

The number of births, marriages, divorces and deaths returned to the state for the years 1910 and 1911 was as follows:

	1910	1911	Increase.	Decrease.
Births.....	9386	8993		393
Marriages.....	5110	4340		770
Divorces.....	555	588	33	
Deaths.....	7455	7410		45

The proportion of births, marriages, divorces and deaths to each 1,000 of the population\* for the two years mentioned was:

Year.	Births.	Marriages.	Deaths.
1910.....	21.79	11.86 (couples)	17.31
1911..	20.79	10.03 (couples)	17.13

\* Population estimated.



TABLE OF BIRTHS, MARRIAGES,  
DIVORCES AND DEATHS,  
1910.



Table  
Births, Marriages, and Deaths for  
Rockingham

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.				Parentage.					
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Atkinson.....	440	1	3	..	4	9.09	3	1	..	..	..
Auburn.....	637	4	7	..	11	17.26	11	..	..	..	..
Brentwood.....	759	9	4	..	13	17.12	8	1	3	..	1
Candia.....	993	8	4	..	12	12.08	10	1	..	1	..
Chester.....	818	4	2	..	6	7.33	4	..	1	1	..
Danville.....	517	3	1	..	4	7.73	3	..	..	1	..
Deerfield.....	917	6	9	..	15	16.35	12	..	2	..	1
Derry.....	5,123	57	52	..	109	21.27	60	23	16	9	1
East Kingston.....	413	4	2	..	6	14.52	5	1	..	..	..
Epping.....	1,649	20	18	..	38	23.04	13	15	6	3	1
Exeter.....	4,897	54	52	..	106	21.64	56	28	10	11	1
Fremont.....	622	9	6	..	15	24.11	8	1	4	2	..
Greenland.....	575	5	7	..	12	20.86	8	2	..	1	1
Hampstead.....	796	8	6	..	14	17.58	10	1	1	1	1
Hampton.....	1,215	5	11	..	16	13.16	14	2	..	..	..
Hampton Falls.....	552	4	..	..	4	7.24	3	1	..	..	..
Kensington.....	417	3	..	..	3	7.19	2	..	1	..	..
Kingston.....	1,015	10	7	..	17	16.74	11	2	2	2	..
Londonderry.....	1,533	16	9	..	25	16.30	16	5	1	2	1
Newcastle.....	624	3	5	..	8	12.82	5	..	3	..	..
Newfields.....	503	4	1	..	5	9.94	2	1	1	1	..
Newington.....	296	1	3	..	4	13.51	4	..	..	..	..
Newmarket.....	3,348	62	50	..	112	33.45	19	67	9	14	3
Newton.....	962	5	7	..	12	12.47	10	1	..	1	..
North Hampton.....	783	7	4	..	11	14.04	11	..	..	..	..
Northwood.....	1,059	2	7	..	9	8.49	8	..	..	1	..
Nottingham.....	607	3	10	..	13	21.41	11	1	..	1	..
Plaistow.....	1,173	8	7	..	15	12.78	7	4	1	3	..
Portsmouth.....	11,269	146	105	..	251	22.27	128	77	17	26	3
Raymond.....	1,243	15	16	..	31	25.76	23	2	3	2	1
Rye.....	1,014	6	4	..	10	9.86	7	1	..	2	..
Salem.....	2,117	9	8	..	17	8.03	6	8	..	3	..
Sandown.....	380	3	4	..	7	18.42	5	1	..	1	..
Seabrook.....	1,425	21	19	..	40	28.07	39	..	..	1	..
South Hampton.....	279	..	2	..	2	7.16	1	..	..	..	1
Stratham.....	602	1	4	..	5	8.30	5	..	..	..	..
Windham.....	656	5	5	..	10	15.24	7	1	..	2	..
Total.....	52,188	531	461	..	992	19.00	555	248	81	92	16

No. 1.

the year ending December 31, 1910.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
.....	.....	.....	1	.....	1	3	8	.....	11	10	.....	1	25.00
.....	.....	1	.....	.....	1	7	9	.....	10	9	1	.....	15.69
6	.....	.....	1	.....	7	20	17	.....	*37	23	7	8	*48.74
6	.....	.....	1	.....	7	17	11	.....	28	25	2	1	28.19
4	.....	.....	.....	.....	4	8	5	.....	13	12	1	.....	15.89
4	.....	.....	.....	.....	4	3	4	.....	7	6	.....	1	13.53
2	.....	1	.....	.....	4	11	7	.....	18	15	1	2	19.62
35	2	.....	5	.....	48	25	25	.....	50	39	9	2	9.75
3	.....	1	.....	.....	4	3	5	.....	8	7	1	.....	19.37
10	1	.....	2	.....	13	14	17	.....	31	20	4	7	18.79
32	6	3	5	.....	46	40	41	.....	81	62	13	6	16.54
4	.....	.....	.....	.....	4	5	3	.....	8	7	.....	1	12.86
3	.....	.....	1	.....	4	5	7	.....	12	11	.....	.....	20.86
5	.....	.....	.....	.....	5	7	5	.....	12	9	2	1	15.07
10	.....	.....	.....	.....	10	11	11	.....	22	17	4	1	18.10
3	.....	.....	.....	.....	3	6	1	.....	7	5	2	.....	12.68
.....	.....	.....	.....	.....	.....	3	3	.....	6	6	.....	.....	14.38
4	.....	.....	.....	.....	4	14	9	.....	23	22	1	.....	22.66
6	.....	2	.....	.....	8	14	14	.....	28	22	3	3	18.26
1	.....	.....	.....	.....	1	7	2	.....	9	8	1	.....	14.42
1	.....	.....	.....	.....	1	7	2	.....	9	8	1	.....	17.88
1	.....	.....	.....	.....	1	1	2	.....	3	2	1	.....	10.13
11	14	6	3	.....	34	36	29	.....	65	52	10	3	19.41
11	.....	.....	.....	.....	11	10	7	.....	17	12	4	1	17.67
6	.....	2	.....	.....	8	3	5	.....	8	6	2	.....	10.21
9	.....	.....	.....	.....	9	7	12	.....	19	18	.....	1	17.94
6	.....	.....	.....	.....	6	6	3	.....	9	7	1	1	14.82
7	.....	2	2	.....	11	15	11	.....	26	20	5	1	22.16
308	29	39	37	1	414	96	86	.....	†182	137	32	13	†16.15
17	.....	.....	.....	.....	17	9	15	.....	24	24	.....	.....	19.94
4	.....	1	.....	.....	5	9	13	.....	22	18	3	1	21.59
14	2	6	5	.....	27	23	14	.....	37	30	4	3	17.47
3	.....	.....	.....	.....	3	4	2	.....	6	5	1	.....	15.78
24	.....	2	.....	.....	26	15	10	.....	25	24	.....	1	17.54
2	.....	.....	.....	.....	2	2	.....	.....	2	2	.....	.....	7.16
7	.....	1	1	.....	9	.....	3	.....	3	3	.....	.....	4.98
4	.....	.....	.....	.....	4	3	4	.....	7	7	.....	.....	10.67
573	54	73	65	1	766	469	416	.....	885	709	117	59	16.95

\* Died at County Farm, 27.

† Died at public institutions, 19.

Table

Births, Marriages, and Deaths for  
Strafford

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Barrington.....	900	7	8	..	15	16.66	14	...	1	...	...
Dover.....	13,247	160	148	..	308	23.25	107	134	35	22	10
Durham.....	823	9	7	..	16	19.44	6	4	2	3	1
Farmington.....	2,621	26	18	..	44	16.78	36	1	2	5	...
Lee.....	479	3	3	..	6	12.52	6	...	...	...	...
Madbury.....	331	2	4	..	6	18.12	5	1	...	...	...
Middleton.....	291	4	..	..	4	13.74	4	...	...	...	...
Milton.....	1,542	13	7	..	20	12.96	17	2	1	...	...
New Durham.....	523	3	2	..	5	9.56	2	1	1	1	...
Rochester.....	8,868	93	96	..	189	21.31	98	44	29	13	5
Rollingsford.....	1,836	21	19	..	40	21.78	10	21	3	5	1
Somersworth.....	6,704	91	95	..	186	27.74	29	120	20	14	3
Strafford.....	786	3	7	..	10	12.72	9	...	1	...	...
Total.....	38,951	435	414	..	849	21.79	343	328	95	63	20

No. 1.—*Continued.*

the year ending December 31, 1910.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
3	.....	1	.....	.....	4	10	7	1	18	16	1	1	20.00
170	17	26	21	1	235	127	109	.....	*236	177	53	6	*17.81
5	.....	.....	.....	.....	5	4	8	.....	12	8	4	.....	14.58
31	.....	1	1	.....	33	21	14	.....	35	31	3	1	13.35
2	.....	2	.....	.....	4	5	4	.....	9	8	1	.....	18.78
.....	.....	.....	.....	.....	.....	4	2	.....	6	6	.....	.....	18.12
2	.....	.....	.....	.....	2	8	5	.....	13	12	1	.....	44.67
10	.....	1	2	.....	13	12	17	.....	29	23	4	2	18.80
4	.....	.....	.....	.....	4	4	3	.....	7	7	.....	.....	13.38
76	7	15	8	.....	106	73	72	.....	†145	121	22	2	†16.35
7	7	2	2	.....	18	12	24	.....	36	32	3	1	19.60
28	9	11	5	.....	53	60	64	.....	124	91	29	4	18.49
4	.....	.....	.....	.....	4	10	9	.....	19	18	.....	1	24.17
342	40	59	39	1	481	350	338	1	689	550	121	18	17.68

\* Died at public institutions, 24; at County Farm, 21.

† Died at public institutions, 2.

**Table**  
**Births, Marriages, and Deaths for**  
**Belknap**

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alton.....	1,348	12	9	..	21	15.57	17	1	1	2	...
Barnstead.....	1,081	8	6	..	14	12.95	10	1	2	1	...
Belmont.....	1,390	13	9	..	22	15.82	12	3	4	3	...
Centre Harbor.....	420	3	1	..	4	9.76	2	1	...	1	...
Gilford.....	744	7	10	..	17	22.84	12	1	2	1	1
Gilmanton.....	968	11	9	..	20	20.66	19	...	1	...	...
Laconia.....	10,183	118	100	..	218	21.40	85	86	22	19	6
Meredith.....	1,638	12	14	..	26	15.86	21	1	...	3	1
New Hampton.....	821	7	9	..	16	19.48	15	...	1	...	...
Sanbornton.....	850	4	5	..	9	10.58	9	...	...	...	...
Tilton.....	1,866	19	17	..	36	19.29	18	9	6	3	...
Total.....	21,309	214	189	..	403	18.91	220	103	39	33	8

No. 1.—Continued.

the year ending December 31, 1910.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
10	.....	2	.....	.....	12	15	8	.....	23	19	1	3	17.06
8	.....	.....	.....	.....	8	16	11	.....	27	22	2	3	24.97
4	1	1	3	.....	9	13	7	.....	20	17	3	.....	14.39
2	.....	.....	.....	.....	2	9	4	.....	13	12	1	.....	30.95
4	.....	.....	.....	.....	4	4	7	.....	11	11	.....	.....	14.78
10	.....	.....	1	.....	11	3	8	.....	11	9	1	1	11.36
70	27	16	8	.....	121	95	92	.....	*187	151	32	4	*18.36
13	.....	.....	1	.....	14	17	16	.....	33	25	4	4	20.14
6	.....	1	.....	.....	7	7	4	.....	11	11	.....	.....	13.39
9	.....	1	.....	.....	10	2	6	.....	8	8	.....	.....	9.41
12	1	6	4	.....	23	23	23	.....	†46	37	6	3	†24.65
148	29	27	17	.....	221	204	186	.....	390	322	50	18	18.30

\* Died at County Farm, 8; at public institutions, 20.

† Died at public institutions, 7.



Table  
Births, Marriages, and Deaths for  
Carroll

TOWNS.	Population in 1910.	BIRTHS.								
		Sex.					Parentage.			
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.
Albany.....	289	4	9	..	13	44.98	11	...	2	...
Bartlett.....	1,197	17	17	..	34	28.40	23	3	7	1
Brookfield.....	247	2	1	..	3	12.14	2	1	...	...
Chatham.....	209	.....	2	..	2	9.56	2	...	...	...
Conway.....	3,413	29	36	..	65	19.04	39	11	5	7
Eaton.....	380	5	6	..	11	28.94	9	...	2	...
Effingham.....	558	5	2	..	7	12.54	7	...	...	...
Freedom.....	542	2	4	..	6	11.07	6	...	...	...
Hart's Location.....	85	.....	1	..	1	11.77	...	...	1	...
Jackson.....	452	1	5	..	6	13.27	4	1	...	1
Madison.....	507	4	5	..	9	17.75	6	1	2	...
Moultonborough.....	783	4	3	..	7	8.94	6	...	...	1
Ossipee.....	1,354	19	11	..	30	22.15	23	...	2	1
Sandwich.....	928	5	6	..	11	11.85	8	1	...	1
Tamworth.....	993	9	9	..	18	18.12	15	...	...	2
Tuftonborough.....	612	4	8	..	12	19.60	9	...	...	2
Wakefield.....	1,543	18	19	..	37	23.97	28	7	1	1
Wolfeborough.....	2,224	13	9	..	22	9.89	17	1	2	1
Total.....	16,316	141	153	..	294	18.01	215	26	24	17

No. 1.—Continued.

the year ending December 31, 1910.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
2	1				3	2	4		6	5		1	20.76
12		1			13	10	11		21	16	3	2	17.54
						2	2		4	4			16.19
							1		1	1			4.78
17	1	2	1		21	29	17		46	40	5	1	13.47
3			2		5	1	4		5	4		1	13.15
5					5	5	5		10	8	1	1	17.92
3		1			4	2	3		5	4	1		9.22
						1			1		1		11.77
3			1		4	2	2		4	4			8.84
6					6	4	1		5	3	1	1	9.86
3		2			5	7	8		15	12	1	2	19.15
12		1	3		16	23	22		*45	41	1	3	*33.23
7		2			9	18	8		26	22	1	3	28.01
6					6	7	8		15	15			15.10
4					4	6	2		8	8			13.07
11			1		12	20	17		37	37			23.97
16		6	1		23	23	16		39	36	1	2	17.53
110	2	15	9		136	162	131		293	260	16	17	17.95

\* Died at County Farm, 9.

Table

**Births, Marriages, and Deaths for**  
**Merrimack**

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Allentown.	1,457	25	19	..	44	30.19	5	31	2	6	..
Andover.	1,201	12	10	..	22	18.31	16	2	1	2	1
Boscawen.	1,240	11	4	..	16	12.90	8	1	3	2	2
Bow.	676	3	7	..	10	14.79	6	1	2	..	1
Bradford.	695	1	5	..	6	8.63	4	1	..	1	..
Canterbury.	680	2	3	..	5	7.35	5	..	..	..	..
Chichester.	606	6	4	..	10	16.50	9	..	..	..	1
Concord.	21,497	213	180	..	393	18.28	185	116	43	41	8
Danbury.	592	3	6	..	9	15.20	8	..	..	1	..
Dunbarton.	513	3	6	..	9	17.54	7	1	..	1	..
Epsom.	725	2	4	..	6	8.27	4	1	1	..	1
Franklin.	6,132	72	68	..	140	22.83	54	38	21	26	1
Henniker.	1,395	19	15	..	34	24.37	27	2	1	3	1
Hill.	556	3	6	..	9	16.18	8	..	..	1	..
Hooksett.	1,528	20	13	..	33	21.59	14	11	3	4	1
Hopkinton.	1,578	13	12	..	25	15.84	20	1	..	3	1
Loudon.	838	9	6	..	15	17.89	15	..	..	..	..
Newbury.	402	3	5	..	8	19.90	2	2	1	2	1
New London.	805	6	9	..	15	18.63	12	2	1	..	..
Northfield.	1,474	14	11	..	25	16.95	11	4	3	6	1
Pembroke.	3,062	51	37	..	88	28.73	24	39	8	15	2
Pittsfield.	2,222	22	16	..	38	17.10	27	5	2	4	..
Salisbury.	478	9	8	..	17	35.56	12	1	2	..	2
Sutton.	698	6	4	..	10	14.32	10	..	..	..	..
Warner.	1,226	10	13	..	23	18.76	20	..	..	2	1
Webster.	445	3	3	..	6	13.48	6	..	..	..	..
Wilmot.	614	2	4	..	6	9.77	5	..	..	..	1
Total.	53,335	544	478	..	1,022	19.16	524	259	94	120	25

No. 1.—Continued.

the year ending December 31, 1910.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
6	3	1	4	....	14	20	17	....	37	21	11	5	25.39
2	1	....	....	....	3	11	11	....	22	20	1	1	18.31
5	....	1	....	....	6	28	15	....	*43	30	10	3	*34.67
1	....	2	....	....	3	6	3	....	9	....	....	....	13.31
5	....	1	....	....	6	6	10	....	16	16	....	....	23.02
5	....	1	....	....	6	6	7	....	13	10	2	1	19.11
1	....	2	....	....	3	6	2	....	8	7	1	....	13.20
138	19	21	23	....	201	243	222	....	†465	342	106	17	†21.63
4	....	....	....	....	4	3	5	....	8	8	....	....	13.51
5	....	2	....	....	8	7	4	....	11	9	1	1	21.44
6	....	1	....	....	6	1	5	....	6	6	....	....	8.27
29	15	13	8	....	65	58	42	....	†100	66	26	8	†16.30
8	....	....	1	....	9	19	9	....	28	26	2	....	28.07
3	....	....	....	....	3	2	1	....	3	3	....	....	5.39
8	1	3	1	....	13	11	11	....	22	14	8	....	14.39
9	....	2	1	....	12	10	12	....	22	17	1	4	13.94
5	....	....	....	....	5	9	11	....	20	19	1	....	23.86
3	....	....	....	....	3	4	2	....	6	6	....	....	14.92
11	....	2	1	....	14	15	9	....	24	23	....	1	29.81
7	1	....	....	....	8	8	8	....	16	12	2	2	10.85
9	4	6	7	....	26	32	24	....	56	39	16	1	18.28
8	....	2	2	....	12	21	25	....	46	37	4	5	20.70
4	1	....	....	....	5	8	4	....	12	12	....	....	25.10
6	....	1	....	....	7	6	3	....	9	9	....	....	12.89
5	....	....	1	....	6	7	9	....	16	15	....	1	13.05
2	....	2	....	....	4	2	3	....	5	5	....	....	11.23
5	....	1	....	....	6	5	5	....	10	8	1	1	16.28
300	45	63	50	....	458	554	479	....	1,033	789	193	51	19.36

\* Died at County Farm, 27.

† Died at public institutions, 204.

‡ Died at public institutions, 12.

Table

**Births, Marriages, and Deaths for**  
**Hillsborough**

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Amherst.....	1,060	7	8	..	15	14.15	8	3	..	4	...
Antrim.....	1,235	15	14	..	29	23.48	16	5	3	5	...
Bedford.....	1,110	2	7	..	9	8.10	5	3	..	1	...
Bennington.....	690	8	4	..	12	17.39	7	1	3	1	...
Brookline.....	501	6	3	..	9	17.96	5	2	..	1	1
Deering.....	353	4	2	..	6	16.99	5	..	1	..	...
Francetown.....	602	5	6	..	11	18.27	9	..	1	..	...
Goffstown.....	2,579	26	27	..	*53	20.53	29	4	4	4	12
Greenfield.....	574	5	10	..	15	26.13	12	1	..	2	...
Greenville.....	1,374	19	23	..	42	30.56	4	24	6	8	...
Hancock.....	642	5	6	..	11	17.13	5	2	3	..	1
Hillsborough.....	2,168	13	11	..	24	11.07	18	2	1	3	...
Hollis.....	935	10	11	..	21	22.46	13	4	3	1	...
Hudson.....	1,344	8	6	..	14	10.41	12	1	..	1	...
Litchfield.....	255	2	..	..	2	7.84	..	1	..	1	...
Lyndeborough.....	660	5	9	..	14	21.21	10	1	2	1	...
Manchester.....	70,063	968	963	..	1,931	27.56	364	1185	186	171	25
Mason.....	325	..	..	..	..	..	..	..	..	..	...
Merrimack.....	1,039	6	6	..	12	11.54	9	1	2	..	...
Milford.....	3,939	47	55	..	102	25.89	36	47	10	9	...
Mont Vernon.....	413	3	6	..	9	21.79	8	..	1	..	...
Nashua.....	26,005	380	349	..	729	28.03	195	371	74	81	8
New Boston.....	982	10	6	..	16	16.28	12	..	1	2	1
New Ipswich.....	927	7	7	..	14	15.10	6	6	1	1	...
Pelham.....	826	5	4	..	9	10.89	4	2	1	2	...
Peterborough.....	2,277	21	20	..	41	18.00	22	9	6	4	...
Sharon.....	71	..	..	..	..	..	..	..	..	..	...
Temple.....	284	3	1	..	4	14.08	4	..	..	..	...
Weare.....	1,325	12	12	..	24	18.11	21	..	2	1	...
Wilton.....	1,490	7	19	..	26	17.44	12	5	1	8	...
Windsor.....	24	..	..	..	..	..	..	..	..	..	...
Total.....	126,072	1,609	1,595	..	3,204	25.41	851	1680	312	313	48

\* Born at County Farm, 16.

No. 1.—Continued.

the year ending December 31, 1910.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
5			1		6	6	5		11	9	2		10.37
6			1		7	12	9		21	19	1	1	17.00
4	2		1		7	6	7		13	11	2		11.71
6	1		4		11	6	7		13	10	1	2	18.84
6	1	3	1		11	9	4		13	9	2	2	25.94
3					3	2			2	2			5.66
5					5	6	8		14	12	1	1	23.25
14		3	2		19	64	53		*117	74	38	5	*45.36
1		3			3	2	4		6	6			10.45
8	3				11	4	11		15	10	5		10.91
4			1		5	11	1		12	10	2		18.69
13	2	3	1		19	20	32		52	46	4	2	23.98
5			1		6	7	5		12	12			12.83
12					12	8	7		15	15			11.16
2					2	4	3		7	7			27.45
3		1			4	11	5		16	16			24.24
260	328	97	97		782	590	573		†1163	812	337	14	†16.59
1		1			2	3	2		5	2	2	1	15.38
6			1		7	7	11		18	18			17.32
20	12	2	1		35	24	50		74	63	8	3	18.78
2					2	2	8		10	9	1		24.27
507	140	114	83	1	845	236	224		†460	316	131	13	†17.68
5		2			7		4		4	3		1	4.07
4	1				5	11	6		17	11	6		18.33
2					2	7	5		12	12			14.52
16	1	2	3		22	17	18		35	30	5		15.37
2					2	2	9		11	10		1	38.73
8					8	9	7		16	15		1	12.07
7		1	1	1	10	12	11		23	18	4	1	15.43
1					1	2			2	2			83.33
938	491	231	199	2	1,861	1,100	1,089		2,189	1,589	552	48	17.36

\* Died at County Farm, 83.

† Died at public institutions, 167.

‡ Died at public institutions, 63.



Table  
Births, Marriages, and Deaths for  
Cheshire

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alstead . . . . .	711	14	4	..	18	25.31	13	4	..	1	..
Chesterfield . . . . .	770	9	2	..	11	14.28	10	..	..	1	..
Dublin . . . . .	571	1	4	..	5	8.75	2	..	..	3	..
Fitzwilliam . . . . .	1,148	12	16	..	28	24.39	11	14	2	1	..
Gilsum . . . . .	470	1	5	..	6	12.76	6	..	..	..	..
Harrisville . . . . .	623	6	2	..	8	12.84	6	..	1	..	1
Hinsdale . . . . .	1,673	23	18	..	41	24.50	24	11	1	4	1
Jaffrey . . . . .	1,895	32	21	..	53	27.96	20	21	5	6	1
Keene . . . . .	10,068	110	94	..	204	20.26	136	36	13	13	6
Marlborough . . . . .	1,478	10	11	..	21	14.20	9	4	6	2	..
Marlow . . . . .	425	..	8	..	8	18.82	8	..	..	..	..
Nelson . . . . .	231	2	1	..	3	12.98	2	..	..	1	..
Richmond . . . . .	393	3	1	..	4	10.17	3	..	..	1	..
Rindge . . . . .	706	5	3	..	8	11.33	6	..	..	2	..
Roxbury . . . . .	66	1	2	..	3	45.45	3	..	..	..	..
Stoddard . . . . .	257	1	1	..	2	7.78	2	..	..	..	..
Sullivan . . . . .	266	3	1	..	4	15.03	4	..	..	..	..
Surry . . . . .	213	2	5	..	7	32.86	6	..	1	..	..
Swanzy . . . . .	1,656	14	13	..	27	16.30	19	3	..	3	2
Troy . . . . .	1,331	26	23	..	49	36.81	15	25	5	4	..
Walpole . . . . .	2,668	27	36	..	63	21.63	30	23	4	5	1
Westmoreland . . . . .	758	7	7	..	*14	18.46	11	3	..	..	..
Winchester . . . . .	2,282	32	23	..	55	24.10	26	24	4	1	..
Total . . . . .	30,659	341	301	..	642	20.94	372	168	42	48	12

\* Born at County Farm, 1.

No. 1.—Continued.

the year ending December 31, 1910.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
3			1		4	12	7		19	19			26.72
5			2		7	6	7		13	10	2	1	16.88
						1	1		2	2			3.50
4	2				6	9	6		15	11	3	1	13.06
1					1	1	2		3	3			6.38
3	2	2	2		9	8	4		12	10	2		19.26
21		1			22	17	11		28	20	5	3	16.73
8	9	3	3	1	24	25	19		44	36	7	1	23.21
95	7	12	6		120	89	89		*178	136	32	10	*17.67
8	3	1	1		13	13	8		21	16	5		14.20
3			2		5	3	5		8	8			18.82
						2	1		3	3			12.98
1	2		1		4	4	2		6	6			15.26
3					3	7	9		16	16			22.66
							1		1	1			15.15
						1	3		4	3		1	15.54
1		1			2	1	2		3	3			11.27
1			1		1		2		2	1	1		9.38
11			1		12	17	15		32	27	4	1	19.32
11	4	1	3		19	12	17		29	23	6		21.78
13	5	3	1		22	19	23		42	34	8		15.74
1					1	16	12		†28	22	4	2	†36.92
14	5	1	1		21	10	15		25	23		2	10.95
207	39	25	24	1	296	273	261		534	433	79	22	17.41

\* Died at public institutions, 35.

† Died at County Farm, 14.

Table  
Births, Marriages, and Deaths for  
Sullivan

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Acworth.....	536	2	6	8	14.92	7	1				
Charlestown.....	1,496	22	13		35	23.39	27	3		4	1
Claremont.....	7,529	80	89		169	22.44	70	65	11	20	3
Cornish.....	1,005	5	8		13	12.93	12				1
Croydon.....	324		2		2	6.17	2				
Goshen.....	329	3	5		8	24.31	7		1		
Grantham.....	286	4	1		5	17.48	4		1		
Langdon.....	340	4	9		13	38.23	8		3	1	1
Lempster.....	383	2			2	5.22	2				
Newport.....	3,765	49	31		80	21.24	53	15	5	5	2
Plainfield.....	987	6	9		15	15.49	14			1	
Springfield.....	422	3	6		9	21.32	4	2	2	1	
Sunapee.....	1,071	9	14		23	21.47	20	1		2	
Unity.....	504	5	7	*12	23.80	9	1			2	
Washington.....	360	1	2		3	8.33	2				1
Total.....	19,337	195	202		397	25.53	241	88	23	36	9

\* Born at County Farm, 1.

No. 1.—*Continued.*

the year ending December 31, 1910.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
5			1		6	1	6		7	6	1		13.05
7	2	1	3		13	13	18		31	26	4	1	20.72
49	19	9	13		90	46	53		*99	81	15	3	*13.15
11	1				12	4	7		11	10		1	10.94
1					1	7	3		10	9	1		30.85
						1	1		2	2			6.08
2					2	2	2		4	3		1	13.98
1					1	1	1		2	2			5.88
3					3	6	5		11	11			28.72
27	9	8	2		46	36	43		79	65	11	3	20.98
6		2	1		9	8	6		14	13	1		14.18
2		1			3	7	4		11	10		1	26.06
8		1	1		10	8	9		17	12	2	3	15.87
5		1	1		7	15	10		†25	20	5		†49.60
1		1			2	5	6		11	7		4	30.55
128	31	24	22		205	160	174		334	277	40	17	17.27

\* Died at public institutions, 12.

† Died at County Farm, 11.

Table  
Births, Marriages, and Deaths for  
Grafton

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.				Parentage.					
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alexandria.....	571	6	2	8	14.01	7	8				1
Ashland.....	1,412	11	10		21	14.87	8	6	2	5	
Bath.....	978	9	3		12	12.27	3	2	4	3	
Benton.....	219	2	1		3	13.69	1	2			
Bethlehem.....	1,201	6	8		14	11.65	6	4	3	1	
Bridgewater.....	187	2	1		3	16.04	3				
Bristol.....	1,478	12	15		27	18.27	21	1	1	2	2
Campton.....	845	6	6		12	14.20	12				
Canaan.....	1,408	12	12		24	17.04	21		1	2	
Dorchester.....	241	2	3		5	20.74	2	2		1	
Easton.....	226	2			2	8.85	1		1		
Ellsworth.....	46	1	1		2	43.47	2				
Enfield.....	1,448	23	15		38	26.28	22	6	3	6	1
Franconia.....	504	2	2		4	7.93	4				
Grafton.....	641	6	2		8	12.48	6	2			
Groton.....	319	3			3	9.40	2			1	
Hanover.....	2,075	22	19		41	19.75	25	1	9	4	2
Haverhill.....	3,498	25	28		53	15.15	33	9	4	6	1
Hebron.....	213	3	1		4	18.77	3		1		
Holderness.....	652	4	5		9	13.80	7		2		
Landaff.....	526	9	4		13	24.71	8	1	1	3	
Lebanon.....	5,718	63	67		130	34.96	64	34	16	14	2
Lincoln.....	1,278	14	17		31	24.25	8	14	5	4	
Lisbon.....	2,460	20	25		45	18.29	32	3	6	2	2
Littleton.....	4,069	51	47		98	24.08	48	19	18	12	1
Livermore.....	64	1	2		3	46.87		2	1		
Lyman.....	374	4	7		11	29.41	7	1		2	1
Lyme.....	1,007	9	10		19	18.86	15		2	1	1
Monroe.....	429	3	1		4	9.32	2		2		
Orange.....	176	2	2		4	22.72	3		1		
Orford.....	799	4	12		16	20.02	13	2		1	
Piermont.....	592	6	3		9	15.20	7			2	2
Plymouth.....	2,200	17	10		27	12.27	19	4	3	1	
Rumney.....	850	4	5		9	10.58	5	1			3
Thornton.....	553	7	6		13	23.50	9	2	1	1	
Warren.....	701	6	8		14	19.97	8		4	1	1
Waterville.....	16										
Wentworth.....	595	11	4		15	25.21	10	1	4		
Woodstock.....	1,083	18	11		29	26.77	18	5	4	2	
Total.....	41,652	408	375		783	18.79	465	124	99	77	18

No. 1.—Continued.

the year ending December 31, 1910.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death rate per 1,000.
12					2	3	4		7	7			12.25
2		2			10	5	11		16	12	2	2	11.33
6	1	3	2		12	8	7		15	15			15.33
1					1	3	1		4	3	1		18.26
6		2	1		9	9	6		15	12	3		12.48
4					4		1		1	1			5.34
10					10	9	9		18	16	1	1	12.17
10	2				12	6	9		15	15			17.75
12		5	1		18	13	9		22	12	5	5	15.62
						2	1		3	1	1	1	12.44
						2	1		3	3			13.27
1					1	1			1	1			21.73
10	2	1	1		14	14	13		27	22	5		18.64
6			1		7	1	2		3	2	1		5.95
9				1	10	6	2		8	7		1	12.48
							3		3	3			9.40
9		2			11	29	25		54	39	11	4	26.02
33	1	6	4		44	39	22		*61	47	7	7	*17.43
2					2	1	2		3	2	1		14.08
3					3	8	3		11	8	3		16.87
4	1		1		6	8	4		12	10	2		22.81
45	3	6	7		61	39	37		76	67	6	3	20.44
3	4	2	2		11	9	7		16	9	5	2	12.51
10		1	1	1	13	24	17		41	36	3	2	16.66
33	3	6	11		53	33	40		†73	55	17	1	†17.94
							1		1		1		15.62
2					2	7	2		9	7		1	24.06
8		2			10	14	10		24	23	1	1	23.83
5					5	4	1		5	4	1		11.65
							1		1	1			5.67
4					4	6	4		10	9		1	12.51
3		2			5	3	1		4	4			6.75
22		6	1		29	13	16		29	27	2		13.18
6		1			7	7	9		16	11	4	1	18.82
2					2	5	3		8	6	1		14.46
10		1			11	6	10		16	14	1	1	22.82
							1		1				62.50
3					3	3	8		11	9		2	18.48
2	1		2		5	12	4		16	1	1	2	14.77
294	18	48	35	2	397	353	306		659	533	87	39	15.82

\* Died at County Farm, 13; public institutions, 6.

† Died at public institutions, 11.



Table  
Births, Marriages, and Deaths for  
Coös

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Berlin.....	11,780	230	217	..	447	37.94	43	310	65	29	....
Cambridge.....	5										....
Carroll.....	569	9	8	..	17	29.87	4	4	4	5	....
Clarksville.....	271	2	5	..	7	25.83	3	....	1	3	....
Colebrook.....	1,905	21	15	..	36	18.89	27	1	2	4	2
Columbia.....	619	7	3	..	10	16.15	5	1	....	4	....
Dalton.....	475	7	1	..	8	16.84	5	1	1	....	1
Dummer.....	292	1	4	..	5	17.12	4	....	....	1	....
Errol.....	211	2	2	..	4	18.95	2	2	....	....	....
Gorham.....	2,155	26	20	..	46	21.34	12	21	8	5	....
Jefferson.....	1,061	7	12	..	19	17.90	11	3	2	2	1
Lancaster.....	3,054	24	23	..	47	15.38	24	7	9	5	2
Milan.....	924	12	12	..	24	25.97	14	3	1	6	....
Millsfield.....	12										....
Northumberland.....	2,184	30	15	..	45	20.60	20	13	9	2	1
Pittsburg.....	624	6	7	..	13	20.83	7	1	2	3	....
Randolph.....	137	2	....		2	14.59	1	....	1	....	....
Shelburne.....	305										....
Stark.....	448	1	4	..	5	11.16	4	1	....	....	....
Stewartstown.....	1,128	17	15	..	*32	28.36	13	6	4	1	8
Stratford.....	844	11	5	..	16	18.95	10	1	....	2	3
Wentworth Location.....	51										....
Whitefield.....	1,635	10	7	..	17	10.39	8	1	7	1	....
Total.....	†30,753	425	375	..	800	26.01	217	376	116	73	18

\* Born at County Farm, 1.

† Including unincorporated townships and grants.

No. 1.—Continued.

the year ending December 31, 1910.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
33	33	10	20	1	97	98	92	....	190	139	48	3	16.12
2	1	3	.....	.....	6	8	5	.....	13	9	2	2	22.84
1	.....	.....	.....	.....	1	4	3	.....	7	6	1	.....	25.83
10	3	3	2	.....	18	4	12	.....	16	16	.....	.....	8.39
2	.....	.....	1	.....	3	1	4	.....	5	4	1	.....	8.07
1	.....	.....	.....	.....	1	2	2	.....	4	3	1	.....	8.42
1	.....	.....	.....	.....	1	2	1	.....	3	3	.....	.....	10.27
6	.....	1	.....	.....	7	3	.....	.....	3	3	.....	.....	14.21
25	7	5	5	.....	42	25	15	.....	40	30	8	2	18.56
4	.....	1	.....	.....	5	7	5	.....	12	12	.....	.....	11.31
23	.....	.....	6	.....	29	22	21	.....	43	34	6	3	14.07
6	.....	2	1	.....	9	5	4	.....	9	9	.....	.....	9.74
15	1	2	2	.....	20	9	12	.....	21	16	4	1	9.61
4	.....	1	2	.....	7	5	2	.....	7	5	.....	2	11.21
.....	.....	.....	.....	.....	.....	4	.....	.....	4	2	2	.....	39.18
2	.....	.....	2	.....	4	3	7	.....	10	10	.....	.....	22.32
8	2	.....	.....	.....	10	15	7	.....	*22	14	5	3	*19.50
7	.....	1	1	.....	9	1	4	.....	5	3	1	1	5.92
13	.....	2	5	.....	20	17	18	.....	†35	25	6	4	†21.40
163	47	31	47	1	289	235	214	.....	449	343	85	21	14.60

\* Died at County Farm, 10.

† Died at public institutions, 12.

Table

Births, Marriages, and Deaths for  
Recapitulation

COUNTIES.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Rockingham.....	52,188	531	461	..	992	19.00	555	248	81	92	16
Strafford.....	38,951	435	414	..	849	21.79	343	328	95	63	20
Belknap.....	21,309	214	189	..	403	18.91	220	103	39	33	8
Carroll.....	16,316	141	153	..	294	18.01	215	26	24	17	12
Merrimack.....	53,335	544	478	..	1,022	19.16	524	259	94	120	25
Hillsborough.....	126,072	1,609	1,595	..	3,204	25.41	851	1680	312	313	48
Cheshire.....	30,659	341	301	..	642	20.94	372	168	42	48	12
Sullivan.....	19,337	195	202	..	397	25.53	241	88	23	36	9
Grafton.....	41,652	408	375	..	783	18.79	465	124	99	77	18
Coös.....	30,753	425	375	..	800	26.01	217	376	116	73	18
Total.....	430,572	4,843	4,543	..	9,386	21.79	4003	3400	925	872	186

No. 1.—*Concluded.*

the year ending December 31, 1910.

by Counties.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
573	54	73	65	1	766	469	416	....	885	709	117	59	16.95
342	40	59	39	1	481	350	338	1	689	550	121	18	17.68
148	29	27	17	....	221	204	186	....	390	322	50	18	18.30
110	2	15	9	....	136	162	131	....	293	260	16	17	17.95
300	45	63	50	....	458	554	479	....	1,033	789	193	51	19.36
938	491	231	199	2	1,861	1,100	1,089	....	2,189	1,589	552	48	17.36
207	39	25	24	1	296	273	261	....	534	433	79	22	17.41
128	31	24	22	....	205	160	174	....	334	277	40	17	17.27
294	18	48	35	2	397	353	306	....	659	533	87	39	15.82
163	47	31	47	1	289	235	214	....	449	343	85	21	14.60
3,203	796	596	507	8	5,110	3,860	3,594	1	7,455	5,805	1,340	310	17.31

Table  
Births by Sex and

COUNTIES.		January.	February.	March.	April.	May.
Rockingham.....	Males.....	46	44	41	47	41
	Females.....	47	30	50	40	37
	Not stated.....					
Strafford.....	Males.....	36	32	42	34	37
	Females.....	30	29	35	39	37
	Not stated.....					
Belknap.....	Males.....	20	12	22	18	19
	Females.....	18	7	19	19	15
	Not stated.....					
Carroll.....	Males.....	22	10	13	13	15
	Females.....	12	9	16	11	16
	Not stated.....					
Merrimack.....	Males.....	48	38	44	45	51
	Females.....	38	36	50	41	39
	Not stated.....					
Hillsborough.....	Males.....	120	113	136	127	175
	Females.....	113	110	135	145	148
	Not stated.....					
Cheshire.....	Males.....	28	25	26	29	50
	Females.....	27	23	21	19	24
	Not stated.....					
Sullivan.....	Males.....	19	12	27	11	17
	Females.....	12	19	16	23	22
	Not stated.....					
Grafton.....	Males.....	32	35	40	34	44
	Females.....	32	23	31	36	31
	Not stated.....					
Coös.....	Males.....	34	45	38	26	40
	Females.....	23	33	28	29	38
	Not stated.....					
Total.....	Males.....	405	366	429	384	489
	Females.....	352	319	401	402	417
	Not stated.....					

## No. 2.

## Months, by Counties, 1910.

June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
55 47	43 44	50 44	42 31	40 35	49 20	33 36	.....	531 461	..... 992
34 36	31 36	29 35	40 29	31 35	39 38	50 35	.....	435 414	..... 849
26 16	20 16	11 13	13 13	23 20	16 12	14 21	.....	214 189	..... 403
12 17	11 19	10 16	11 10	8 5	5 13	11 9	.....	141 153	..... 294
57 44	36 37	49 44	50 51	38 30	45 31	43 37	.....	544 478	..... 1,022
113 141	139 144	153 149	166 140	134 131	112 116	121 123	.....	1,609 1,595	..... 3,204
22 22	39 21	27 33	21 28	26 30	24 30	24 23	.....	341 301	..... 642
16 10	24 20	9 14	20 14	14 13	10 17	16 22	.....	195 202	..... 397
30 36	37 29	34 30	30 46	34 29	30 33	28 19	.....	408 375	..... 783
51 38	38 43	30 36	21 19	28 35	41 22	33 21	.....	425 375	..... 800
416 407	418 409	402 414	414 381	376 363	371 332	373 346	.....	4,843 4,543	..... 9,386



Table

## Births showing age of mother,

NUMBER OF CHILD.	Under 15.			15 to 20.			20 to 25.			25 to 30.			30 to 35.		
	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.
1st.....	3			398	138	3	625	433	3	316	228	1	129	61	1
2d.....				119	33		474	302	2	347	224		152	113	
3d.....				14	8		236	189		250	255	2	154	149	1
4th.....				2			105	82	1	183	213		134	139	1
5th.....							47	22	1	111	134		89	119	1
6th.....							5	8		62	67		90	109	
7th.....							4	1		18	37		51	77	
8th.....							1			7	15		39	67	
9th.....										1	4		18	34	
10th.....										2	2		11	15	1
11th.....											2		3	12	
12th.....													5	11	
13th.....										1			1		
14th.....														2	
15th.....															
16th.....															
17th.....															
18th.....															
19th.....															
20th.....															
Not stated				1	2		8	2	1	9	8		6	8	
Total	3			534	181	3	1,505	1,039	8	1,307	1,189	3	882	916	5

## No. 3.

## Number of Child, by Nationality, 1910.

35 to 40.			40 to 45.			45 to 50.			Over 50.			Not stated.			Total.			Grand total.
American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	No stated.	
63	24	.....	11	3	.....	.....	.....	.....	.....	.....	.....	9	4	3	1,554	891	11	2,456
68	32	.....	19	6	.....	.....	.....	.....	.....	.....	.....	13	8	1	1,192	718	3	1,913
93	46	.....	18	6	.....	.....	1	.....	.....	.....	.....	14	8	2	779	662	5	1,446
79	43	.....	20	10	.....	.....	1	.....	.....	.....	.....	6	3	1	529	491	3	1,023
75	63	1	25	11	.....	2	.....	.....	.....	.....	.....	6	4	1	355	353	4	712
36	69	.....	13	20	.....	3	.....	.....	.....	.....	.....	1	3	.....	210	276	.....	486
50	83	.....	12	17	.....	1	2	.....	.....	.....	.....	2	1	.....	138	218	.....	356
39	69	1	15	16	.....	.....	4	.....	.....	.....	.....	1	2	.....	102	173	1	276
31	66	1	10	24	.....	1	3	.....	.....	.....	.....	1	1	.....	62	132	1	195
13	63	.....	17	25	.....	2	1	.....	.....	.....	.....	.....	3	.....	45	109	1	155
11	33	.....	7	30	.....	.....	.....	.....	1	.....	.....	.....	3	.....	22	80	.....	102
5	28	.....	5	32	.....	.....	3	.....	.....	.....	.....	.....	1	.....	15	75	.....	90
8	12	.....	6	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	23	1	40
4	9	.....	.....	6	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	4	19	.....	23
.....	3	.....	3	16	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	3	20	.....	23
.....	1	.....	.....	1	.....	.....	3	.....	.....	.....	.....	1	.....	.....	1	5	.....	6
1	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6	.....	7
.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2
.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
3	7	.....	1	2	.....	.....	.....	.....	.....	.....	.....	7	4	3	35	33	4	72
579	653	3	182	244	1	10	22	.....	1	.....	.....	61	45	11	5,063	4,289	34	9,386

Table No. 4.—1910.

AGES OF GROOMS.	AGES OF BRIDES.												
	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80. Over 80.
Under 20.....	*176	75	5	2									
20 to 25.....	†782	962	170	31	4								
25 to 30.....	‡238	514	394	91	26	7							
30 to 35.....	44	171	148	124	48	13	4	1					1
35 to 40.....	16	68	112	90	72	31	4	1					
40 to 45.....	7	27	30	46	39	31	15	1	1				
45 to 50.....	3	10	16	24	32	40	19	10	1				1
50 to 55.....	§2	7	7	11	25	23	23	22	6	4			
55 to 60.....	1	1	5	3	10	19	17	10	9	6	4	1	
60 to 65.....			1	2	3	5	7	20	7	4	1		
65 to 70.....		1				5	6	6	7	7	4		
70 to 75.....					1	2	1	2	6	6	1		
75 to 80.....							2		1				
Over 80.....							2						
Not stated.....				2									4

\* Five brides, fifteen.

† 1 bride fourteen; 9 brides fifteen.

‡ 1 bride fifteen.

§ 1 bride fifteen.

Table No. 5.  
Still Births, by Sex, Parentage, and Months, by Counties, 1910.

COUNTIES.	SEX.		PARENTAGE.							MONTHS.												
	Male.	Female.	Not stated.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not stated.
Rockingham	33	13	1	24	10	5	6	2	47	4	7	6	7	2	7	3	2	...	1	4	3	...
Stafford	15	13	1	11	10	2	3	3	29	1	1	1	4	3	5	6	1	...	2	2	2	4
Beknap	9	10	...	14	1	2	1	1	19	3	...	...	...	...	1	...	...	4	...	...	...	...
Carrill	2	7	...	7	...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	...	...	...
Merrimack	30	26	...	26	19	4	3	4	56	4	3	11	2	8	8	6	5	2	6	1	4	2
Hillsborough	107	64	...	42	89	19	16	5	171	19	10	15	11	15	10	11	16	13	19	17	13	...
Cheshire	19	13	3	18	10	2	5	2	35	1	1	3	2	3	1	5	...	2	4	5	7	3
Sullivan	20	14	1	15	5	...	...	2	24	3	...	...	2	1	...	3	...	2	4	2	3	5
Grafton	20	13	1	17	6	5	6	2	34	2	4	3	4	3	4	2	2	2	4	4	3	1
Coos	13	13	...	10	7	5	2	2	26	2	1	...	...	1	3	1	1	2	4	3	3	...
Total	257	186	7	184	157	44	45	20	450	41	28	44	38	40	34	38	28	29	46	46	38	...

BIRTHS.

## DIVORCES.

## Table No. 6.

Divorces Decreed by the Supreme Court of New Hampshire, in the year 1910, as returned by the Clerks of the Several Counties.

COUNTIES.	CAUSES OF DIVORCE.																								LIBELLANTS.											
	Absent three years.	Abandonment.	Abandonment and adultery.	Abandonment and willing absence.	Absent three years and abandon- ment.	Adultery.	Conviction of crime and imprison- ment.	Desertion and adultery.	Desertion.	Extreme cruelty.	Extreme cruelty and abandonment.	Extreme cruelty and adultery.	Extreme cruelty and habitual drunk- ness.	Absence of wife from state ten years together.	Extreme cruelty habitual drunkenness and adultery.	Habitual drunkenness.	Habitual drunkenness and willing absence.	Habitual drunkenness and treatment injurious to health.	Habitual drunkenness, abandonment and refusal to cohabit.	Impotency.	Adultery and treatment endangering health and reason.	Willing absence and refusal to co- habit.	Nullity.	Prior marriage.	Refusal to cohabit.	Treatment injurious to health.	Treatment injurious to health and extreme cruelty.	Treatment injurious to health and to reason.	Treatment injurious to reason.	Willing absence three years.	No cause assigned.	Males.	Females.	Total to each county.		
Rockingham.	14				11					14	1				7							11		1								2	19	38	57	
Strafford.	8				5					9					1																	1	19	25	44	
Belknap.	4				4					4					4																	1	12	21	33	
Carroll.	4				4					6					1																	1	8	11	19	
Merrimack.	9				14		2	6		19	1				3																		27	48	75	
Hillsborough.	44	1			22					40	3	1	3		9																		36	116	152	
Cheshire.	14				5					13					1																		13	27	41	
Sullivan.	12				1					7					1																		2	13	28	41
Grafton.	15				14	1				19					6																			10	25	35
Cods.	5				4					11					1																		3	7	22	27
Total	212	1	1	1	88	1	2	6	142	4	3	4			34	1	1	1	1	1	1	40	12				35	10	3	29	3	174	381	555		

COUNTIES.

## CAUSES OF DEATH.

---

### INTERNATIONAL CLASSIFICATION.

In the following tables the causes of death are arranged according to the International Classification of the Causes of Death.

The International Classification has been adopted by all the Americas and a greater part of Europe. The United States Bureau of the Census uses it in its statistical compilation of the causes of death, and it has been accepted by practically all of the registration states of the country.



Table

## Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Atkinson.....										1																			
Auburn.....																						1							1
Brentwood.....												1			1							1							
Candia.....														1								1							
Chester.....																						2							
Danville.....																						1							
Deerfield.....						1																1							
Derry.....																	1				8								
East Kingston.....																													
Epping.....	1						1	1														2							
Exeter.....							1															4							
Fremont.....																													
Greenland.....														1															
Hampstead.....																					1								
Hampton.....																					2								
Hampton Falls.....																													
Kensington.....																					1								
Kingston.....																													
Londonderry.....																					3			1					
Newcastle.....																	1												
Newfields.....																													
Newington.....																													
Newmarket.....		1			2		3															4							
Newton.....	1																				1								
North Hampton.....																													
Northwood.....																					1								
Nottingham.....																													
Plaistow.....								1													1								
Portsmouth.....	1					1	4	1													9								
Raymond.....							2	1													2								
Rye.....																					4								
Salem.....																													
Sandown.....																													
Seabrook.....												1				2					2			1					
South Hampton.....																													
Stratham.....																													
Windham.....																						1							
Total.....	3	1			2	1	7	8	2			2		2	1	4					54			5					

## No. 7.

### Counties, 1910.—International Classification.

## I. GENERAL DISEASES.—Continued.

[illegible]

Table

## Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																		
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.	
Atkinson.								1											
Auburn.																			
Brentwood.				1	1	6		1		1	3		1				1		
Candia.						1		1											
Chester.						2													
Danville.						1		2											
Deerfield.						1	1	1											
Derry.		3		1		1	1	1			1						1		
East Kingston.						1													
Epping.						1													
Exeter.		3		1	2		1	1					3	1			1		
Fremont.						1													
Greenland.						2													
Hampstead.						1													
Hampton.						1		1									1		
Hampton Falls.																			
Kensington.											1								
Kingston.						1		1									1		
Londonderry.								1											
Newcastle.						1													
Newfields.												1							
Newington.						1													
Newmarket.		4		1	2									1					
Newton.					3														
North Hampton.								1											
Northwood.						1	2	1					1						
Nottingham.						2													
Plaistow.						2		1			1		1						
Portsmouth.		1		1	19	1	2	3		1			1	1					
Raymond.				1	3														
Rye.					4												1		
Salem.								1	1										
Sandown.						1													
Seabrook.		1			1								1						
South Hampton.		1																	
Stratham.																			
Windham.						1													
Total.	13		4	9	64	4	16	4	1	7	2	7	3			6			



Table

Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Atkinson.						1													
Auburn.						1													
Brentwood.						1	1												
Candia.						1													
Chester.																			
Danville.																			
Deerfield.																			
Derry.		1																	
East Kingston.					1	2													
Epping.							1												
Exeter.							2			1									
Fremont.									1										
Greenland.																			
Hampstead.					1														
Hampton.																			
Hampton Falls.						1													
Kensington.																			
Kingston.					1														
Londonderry.					1	1	2				1								
Newcastle.																			
Newfields.																			
Newington.					1														
Newmarket.					2	14	1												
Newton.																			
North Hampton.		1					2												
Northwood.					1														
Nottingham.																			
Plaistow.					2	2	3												
Portsmouth.					1	2	2		1										
Raymond.	1				1														
Rye.																			
Salem.					1														
Sandown.							1												
Seabrook.						2	1												
South Hampton.																	1		
Stratham.									1										
Windham.					1	1	1												
Total.	2	1			15	31	15		4	2				2	4		9		3





Table

## Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.			
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Atkinson.....													
Auburn.....											1		
Brentwood.....	1	1											
Candia.....													
Chester.....													
Danville.....													
Deerfield.....													
Derry.....									2		1	1	
East Kingston.....													
Epping.....	1										1		
Exeter.....			1								2		
Fremont.....											1		
Greenland.....													
Hampstead.....													
Hampton.....											1		
Hampton Falls.....													
Kensington.....													
Kingston.....											2		
Londonderry.....													
Newcastle.....													
Newfields.....													
Newington.....													
Newmarket.....				1					1		4		
Newton.....													
North Hampton.....													
Northwood.....											1		
Nottingham.....													
Plaistow.....											1		
Portsmouth.....	2								1		7		
Raymond.....													
Rye.....													
Salem.....													
Sandown.....													
Seabrook.....													
South Hampton.....													
Stratham.....													
Windham.....													
Total.....	4	1	1	1					4	22	1		

No. 7.—Continued.

## Counties, 1910.—International Classification.

XII. Old Age.		XIII. EXTERNAL CAUSES.																							XIV. ILL-DEFINED DISEASES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
154. Senile debility.		155. Suicide by poison.		156. Suicide by asphyxia.		157. Suicide by hanging or strangulation.		158. Suicide by drowning.		159. Suicide by firearms.		160. Suicide by cutting instruments.		161. Suicide by jumping from high places.		162. Suicide by crushing.		163. Other suicides.		164. Fractures.		165. Dislocations.		166. Other accidental traumatisms.		167. Burns and scalds.		168. Burns from corrosive substances.		169. Sunstroke.		170. Freezing.		171. Electric shock.		172. Accidental drowning.		173. Inanition (starvation).		174. Absorption of deleterious gases (non-suicide).		175. Other acute poisonings.		176. Other external violence.		177. Dropsy.		178. Sudden death.		179. Causes of death unspecified or ill-defined.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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**Table**

**Causes of Death arranged by Towns and**

TOWNS IN STRAFFORD COUNTY.		I. GENERAL DISEASES.																											
		1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Military fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicaemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.				
Barrington.....																								1	..				
Dover.....	1						1			1					1								21	2	..	2			
Durham.....																							3	..	..	..			
Farmington.....											2		1										5	..	..	..			
Lee.....																							1	..	..	..			
Madbury.....							1	1		1																			
Middleton.....	1																1												
Milton.....																							3	..	..	..			
New Durham.....																													
Rochester.....							1			3	1	1											14	1	..	1	..		
Rollinsford.....								1							1								4	2	..	..			
Somersworth.....	3		5			1	2	1									1						12	..	..	..			
Strafford.....						1			1														3	..	..	..			
Total.....	5	5	5	5	4	1	8	1	8	1	2	2	2	2	2	2	2	2	2	2	67	2	3	..	3	..			

## No. 7.—Continued.

## Counties, 1910.—International Classification.

## I. GENERAL DISEASES.—Continued.

30. Pott's disease.	31. Cold abscess, abscess by congestion.	32. White swelling.	33. Tuberculosis of other organs.	34. General tuberculosis.	35. Scrofula.	36. Syphilis.	37. Gonorrhea (five years and over).	38. Gonorrhea (under five years).	39. Cancer and other malignant tumors of the buccal cavity.	40. Cancer of stomach and liver.	41. Cancer of intestines.	42. Cancer of genital organs.	43. Cancer of breast.	44. Cancer of skin.	45. Cancer of other or unspecified organs.	46. Tumors.	47. Acute articular rheumatism.	48. Chronic rheumatism and gout.	49. Scurvy.	50. Diabetes.	51. Exophthalmic goiter.	52. Addison's disease.	53. Leukemia.	54. Anemia, chlorosis.	55. Other general diseases.	56. Acute and chronic alcoholism.	57. Chronic lead poisoning.	59. Other chronic poisonings.
1		1	1	1						7	1	1		1	2		1			3				1		1		
										1	1															1		
										1		1		1												1		
																									1			
										1																		
										1	1																	
										2							1											
										1																		
										4	2		3	2						1			1	3		1		
1		1									2						1			1								
										1														1				
1		1	1		1					18	6	2	1	4	5		3			6			1	5		5		

Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Barrington.....					1	1											
Dover.....	1 2		1 2	25		5	2	1		1					1		
Durham.....						3											
Farmington.....					1	1											
Lee.....												1					
Madbury.....																	
Middleton.....												1					
Milton.....					3							1					
New Durham.....					1												
Rochester.....	3		2	10		2						2			2		
Rollinsford.....			1	1	1	1											
Somersworth.....	1		3	6		2		1		2							
Strafford.....				2	1												
	1 6		2 7	49	1	16	2	2	2	8					3		

## No. 7.—Continued.

## Counties, 1910.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.												IV. DISEASES OF THE RESPIRATORY SYSTEM.											
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.	80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.	
.....	.....	3	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	
.....	3	21	.....	.....	2	.....	.....	2	.....	.....	.....	1	4	7	11	.....	.....	1	.....	.....	.....	.....	
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	3	.....	.....	.....	.....	.....	.....	.....	
.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	
.....	2	14	1	1	1	.....	.....	.....	.....	.....	.....	.....	2	7	16	.....	.....	1	.....	.....	.....	1	
.....	.....	4	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	
.....	.....	7	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	7	8	.....	1	.....	.....	.....	.....	
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	5	.....	.....	.....	.....	.....	.....	.....	
.....	5	63	5	3	4	.....	.....	3	.....	.....	.....	1	14	1	24	51	.....	3	.....	.....	.....	1	



Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Barrington.....						1														
Dover.....			2			9	5		5	1			1				3		1	
Durham.....																				
Farmington.....					1		1													
Lee.....																				
Madbury.....																				
Middleton.....					1															
Milton.....	1				1												1			
New Durham.....						1														
Rochester.....					3	8	3						1				1			
Rollingsford.....						5									1		1			
Somersworth.....						12	2		2		1	1								
Strafford.....																				
Total.....	1	2	6	36	11		7	1	1	3	1	3	1	6					1	

## No. 7.—Continued.

## Counties, 1910.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.												VII. THE PUERPERAL STATE.											
119. Acute nephritis.	120. Bright's disease.	121. Other diseases of the kidneys.	122. Calculi of the urinary tract.	123. Diseases of the bladder.	124. Diseases of the urethra.	125. Diseases of the prostate.	126. Non-venereal diseases of the male genital organs.	127. Metritis.	128. Uterine hemorrhage (non-puerperal).	129. Uterine tumor.	130. Other diseases of the uterus.	131. Cysts and other tumors of the ovary.	132. Other diseases of the female genital organs.	133. Non-puerperal diseases of the breast.	134. Accidents of pregnancy.	135. Puerperal hemorrhage.	136. Other accidents of labor.	137. Puerperal septicemia.	138. Puerperal albuminuria and convulsions.	139. Phlegmasia alba dolens (puerperal).	140. Other puerperal accidents.	141. Puerperal diseases of the breast.	
...	1			1																			
2	20		1													1							
...	3									1					1								
...	1																						
...	2																						
1	4																						
...	1																						
1	5		1																2				
...	3																						
3	4					1																	
...																							
7	44		3	1						1					1	1		2					

Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Barrington.....											1	
Dover.....	2									10	3	
Durham.....												
Farmington.....												
Lee.....										1		
Madbury.....												
Middleton.....									1	1		
Milton.....											1	
New Durham.....												
Rochester.....										5		
Rollinsford.....										4	1	
Somersworth.....	2								1	6		
Strafford.....												
Total.....	4								2	27	6	

No. 7.—Continued.

Counties, 1910.—International Classification.

XII. OLD AGE.		XIII. EXTERNAL CAUSES.													XIV. IL- DEFINED DISEASES.												
154. Senile debility.		155. Suicide by poison.	156. Suicide by asphyxia.	157. Suicide by hanging or strangulation.		158. Suicide by drowning.	159. Suicide by firearms.	160. Suicide by cutting instruments.	161. Suicide by jumping from high places.	162. Suicide by crushing.	163. Other suicides.	164. Fractures.	165. Dislocations.	166. Other accidental traumatisms.	167. Burns and scalds.	168. Burns from corrosive substance.	169. Sunstroke.	170. Freezing.	171. Electric shock.	172. Accidental drowning.	173. Inanition (starvation).	174. Absorption of deleterious gases (non-suicidal).	175. Other acute poisonings.	176. Other external violence.	177. Dropsy.	178. Sudden death.	179. Causes of death unspecified or ill-defined.
2														1													
15	1													6	1					3			1				3
1														1	1		1	1									
																							1				
2																				1				1			1
1														4				1					1	1			2
1																							1				1
2														1	1			1					1	6			3
24	1													13	3		1	1	2	4			4	9			10

Table

## Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Alton.....																											1		
Barnstead.....	1																										1		
Belmont.....																											2		
Center Harbor.....																											2		
Gilford.....																													
Gilmanton.....																													
Laconia.....	1			1			1		2			7										11	1						
Meredith.....																						1							
New Hampton.....																1						1							
Sanbornton.....																						1							
Tilton.....												1										2							
Total.....	2			1			1		2			8				1						22	1						





Table

## Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Alton.....						3												
Barnstead.....						2		1										
Belmont.....	1			1	2		1						1			1		
Center Harbor.....								1										
Gilford.....					1													
Gilmanton.....					1		1									1		
Laconia.....	4			3	10	1	4		3	1		3						
Meredith.....					3		1											1
New Hampton.....				1														
Sanbornton.....							1											
Tilton.....					3													
Total.....	5			1	4	25	1	10		3	1		4			2		1

No. 7—Continued.

## Counties, 1910.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.												IV. DISEASES OF THE RESPIRATORY SYSTEM.											
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.	80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.	
.....	.....	5	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	
.....	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	
.....	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
.....	.....	11	3	2	.....	.....	.....	.....	.....	.....	.....	.....	3	4	13	.....	1	.....	.....	.....	.....	.....	
.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	
.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	1	5	.....	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	1	.....	.....	.....	.....	
.....	1	46	3	3	4	1	1	2	.....	.....	.....	.....	3	1	5	24	.....	3	.....	1	.....	.....	

Table

## Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Alton.....						1														
Barnstead.....					1															
Belmont.....					1				1											
Center Harbor.....					1															
Gilford.....					1		1													
Gilmanton.....																				
Laconia.....					4	15	4							1		3			3	
Meredith.....		2		1	4				2					1						
New Hampton.....									1											
Sanbornton.....					1		1													
Tilton.....		1					1		1	1			1							
Total.....	3	1	1	13	16	7		5	1		3	3		3	3				3	

No. 7.—Continued.

## Counties, 1910.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.											VII. THE PUERPERAL STATE.										
119. Acute nephritis.																					
120. Bright's disease.	2																				
121. Other diseases of the kidneys.																					
122. Calculi of the urinary tract.																					
123. Diseases of the bladder.																					
124. Diseases of the urethra.																					
125. Diseases of the prostate.																					
126. Non-venereal diseases of the male genital organs.																					
127. Metritis.																					
128. Uterine hemorrhage (non-puerperal).																					
129. Uterine tumor.																					
130. Other diseases of the uterus.																					
131. Cysts and other tumors of the ovary.																					
132. Other diseases of the female genital organs.																					
133. Non-puerperal diseases of the breast.																					
134. Accidents of pregnancy.																					
135. Puerperal hemorrhage.																					
136. Other accidents of labor.																					
137. Puerperal septicemia.																					
138. Puerperal albuminuria and convulsions.																					
139. Phlegmasia alba dolens (puerperal).																					
140. Other puerperal accidents.																					
141. Puerperal diseases of the breast.																					
	2																				
	2																				
	1																				
	2	11	1	1																	
	1	1			1									1							
		2																			
		3																			
	3	22	1	2	1									1							

Table

## Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bone.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and scelerma.	152. Other diseases peculiar to early infancy.
Alton.....											1	
Barnstead.....									1			
Belmont.....									1			
Center Harbor.....												
Gilford.....	1									1		
Gilmanton.....									1			
Laconia.....	1								4	10		
Meredith.....												
New Hampton.....												
Sanbornton.....												
Tilton.....	2									3		
Total.....	4								7	15		

No. 7.—Continued.

Counties, 1910.—International Classification.

XII. Old Age.		XIII. EXTERNAL CAUSES.															XIV. IL- DEFINED DISEASES.															
154. Senile debility.		155. Suicide by poison.	156. Suicide by asphyxia.	157. Suicide by hanging or strangulation.		158. Suicide by drowning.	159. Suicide by firearms.	160. Suicide by cutting instruments.	161. Suicide by jumping from high places.		162. Suicide by crushing.	163. Other suicides.	164. Fractures.	165. Dislocations.	166. Other accidental traumatisms.		167. Burns and scalds.	168. Burns from corrosive substances.	169. Sunstroke.	170. Freezing.	171. Electric shock.	172. Accidental drowning.	173. Inanition (starvation).		174. Absorption of deleterious gases (non-suicidal).		175. Other acute poisonings.	176. Other external violence.	177. Dropsy.	178. Sudden death.	179. Causes of death unspecified or ill-defined.	
2																																
1																						1										1
1																																
1																																
2																																1
10	1			1											6	1											1					1
2															1							2						1				
																						1										
8																																
27	1			1											7	2						4			1		1		1			3



Table

Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicaemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Albany.....																													
Bartlett.....									1													1							
Brookfield.....																													
Chatham.....																													
Conway.....									2													6							
Eaton.....																													
Effingham.....																						1							
Freedom.....																													
Hart's Location.....																													
Jackson.....																													
Madison.....																						1							
Moultonborough.....																						1							
Ossipee.....											1											2							
Sandwich.....				1					1													2							
Tamworth.....																1						1							
Tuftonborough.....																													
Wakefield.....																													
Wolfeboro.....																						1							
Total.....			1						4		1					1						16							



Table

## Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal: 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.	
Albany.....																		
Bartlett.....			1	3	1										1			
Brookfield.....																		
Chatham.....																		
Conway.....	1			2											1			
Eaton.....																		
Effingham.....			1												1			
Freedom.....	1																	
Hart's Location.....																		
Jackson.....																		
Madison.....																		
Moultonborough.....				2														
Ossipee.....	2			3				1										
Sandwich.....				3														
Tamworth.....				5														
Tuftonborough.....				1														
Wakefield.....				1			1					1						
Wolfeboro.....	2			4						1								
Total.....	6	1	1	24	1	1	1	1	1	1	1	1			3			

No. 7.—Continued.

## Counties, 1910.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.												IV. DISEASES OF THE RESPIRATORY SYSTEM.											
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.	80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.	
.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	1	
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
.....	.....	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	8	1	1	.....	.....	.....	.....	
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
.....	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	
.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	7	3	.....	.....	.....	.....	.....	.....	
.....	.....	4	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	4	.....	.....	.....	.....	.....	.....	.....	
.....	.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	
1	.....	6	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	2	1	4	7	.....	.....	.....	.....	.....	.....	
.....	.....	6	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	.....	.....	.....	.....	.....	.....	
1	.....	32	2	6	2	.....	2	.....	1	.....	.....	.....	7	3	8	40	4	2	.....	.....	.....	1	

Table

## Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Albany.....						2				1									
Bartlett.....																			
Brookfield.....																			
Chatham.....																			
Conway.....					1				2					1					1
Eaton.....																	1		
Effingham.....													1				1		
Freedom.....																			
Hart's Location.....																			
Jackson.....																			
Madison.....																			
Moultonborough.....					1				1										
Ossipee.....	1			2	1	1													
Sandwich.....													1						
Tamworth.....																			
Tuftonborough.....																			
Wakefield.....					2	3													
Wolfeboro.....													1				1		
Total.....	1			6	6	1			3	1			3	1			3		1





Table

## Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.		XI. EARLY INFANCY.	
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.	150. Congenital malformations.	151. Congenital cecity, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Albany .....									2			
Bartlett .....												
Brookfield .....												
Chatham .....												
Conway .....										3		
Eaton .....												
Effingham .....												
Freedom .....												
Hart's Location .....												
Jackson .....												
Madison .....											1	
Moultonborough .....										1		
Ossipee .....	1									3		
Sandwich .....												
Tamworth .....												
Tuftonborough .....										1		
Wakefield .....									1	1		
Wolfeboro .....									1	2		
Total .....	1								4	11	1	



Table

## Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Allenstown.....							2		1																			1	
Andover.....																													
Boscawen.....																	1					5						1	
Bow.....																													
Bradford.....												1																	
Canterbury.....																						1							
Chichester.....																													
Concord.....					1	1	1					5		1		5						33		2					
Danbury.....									1																				
Dunbarton.....							1		1																				
Epsom.....																													
Franklin.....	2						1	1						1									7	1	1				
Henniker.....									1																				
Hill.....																						1							
Hooksett.....																													
Hopkinton.....																													
Loudon.....												1																	
Newbury.....																						2							
New London.....									2													1							
Northfield.....	1								1													3		1					
Pembroke.....	1																					1							
Pittsfield.....						1	1					1				1						8	1	1	1				
Salisbury.....	1								2													1							
Sutton.....																													
Warner.....																													
Webster.....																						1							
Wilmot.....																						2							
Total.....	5				1	2	6	1	14			8		2		7					1	67	2	8					

## No. 7.—Continued.

## Counties, 1910.—International Classification.

## I. GENERAL DISEASES.—Continued.

30. Pott's disease.	31. Cold abscess, abscess by congestion.	32. White swelling.	33. Tuberculosis of other organs.	34. General tuberculosis.	35. Scrofula.	36. Syphilis.	37. Gonorrhea (five years and over).	38. Gonorrhea (under five years).	39. Cancer and other malignant tumors of the buccal cavity.	40. Cancer of stomach and liver.	41. Cancer of intestines.	42. Cancer of genital organs.	43. Cancer of breast.	44. Cancer of skin.	45. Cancer of other or unspecified organs.	46. Tumors.	47. Acute articular rheumatism.	48. Chronic rheumatism and gout.	49. Scurvy.	50. Diabetes.	51. Exophthalmic goiter.	52. Addison's disease.	53. Leukemia.	54. Anemia, chlorosis.	55. Other general diseases.	56. Acute and chronic alcoholism.	57. Chronic lead poisoning.	58. Other chronic poisonings.
..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	2	3	3	3	1	3	..	1	..	..	7	..	1	..	1	1	1	2	..
..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..
..	..	1	..	..	..	..	..	..	1	3	2	3	3	1	..	..	1	..	..	2	1	2	..	2	2	..	..	..
..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..
..	..	..	..	..	..	..	..	..	1	..	1	1	..	..	..	..	1	..	..	1	1	..	..	2	..	..	..	..
..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
..	..	..	..	..	..	..	..	..	1	..	2	1	1	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
..	..	..	..	..	..	..	..	..	1	2	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	3	..	..	..	..	..	..	2	14	9	13	9	2	6	..	3	..	..	12	..	1	..	7	1	2	..	..

Table

## Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.												
	60. Encephalitis. 61. Simple meningitis. 61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia. 63. Other diseases of the spinal cord. 64. Apoplexy. 65. Softening of the brain.	66. Paralysis without specified cause. 67. General paralysis. 68. Other forms of mental alienation.	69. Epilepsy. 70. Convulsions (non-puerperal; 5 years and over). 71. Convulsions (under 5 years). 72. Tetanus. 73. Chorea.	74. Other diseases of the nervous system. 75. Diseases of the eye. 76. Diseases of the ear.								
Allentown.....		2	1										
Andover.....	1	1	1					2				1	
Boscawen.....		12											
Bow.....		5											
Bradford.....				1									
Canterbury.....		2											
Chichester.....		1											
Concord.....	7	37	21	6	1	4		2				11	
Danbury.....				1									
Dunbarton.....													
Epsom.....		1											
Franklin.....		7	2									1	
Henniker.....	1	1	4										
Hill.....													
Hooksett.....		1		1									
Hopkinton.....		5	2	1	1								
Loudon.....		4	2	1									
Newbury.....		2											
New London.....		2	1										
Northfield.....		2											
Pembroke.....	1	1	2										
Pittsfield.....		1	2	1	1	1						1	
Salisbury.....		1	1	1	1								
Sutton.....		1	1										
Warner.....		3											
Webster.....													
Wilmot.....		1											
Total.....	10	2 1 98	2 32	11	7	2						14	





Table

## Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Allenstown.....					2	5													
Andover.....							1												
Boscawen.....					2		2												
Bow.....									1										
Bradford.....					1		1												
Canterbury.....																			
Chichester.....																			
Concord.....				1	5	14	7		3					1	4		2		
Danbury.....									1										
Dunbarton.....																			
Epsom.....																			
Franklin.....			2		1	4	2						2						
Henniker.....	1					3													
Hill.....																			
Hooksett.....					1	1													
Hopkinton.....																			
Loudon.....							1												1
Newbury.....																			
New London.....					1														
Northfield.....																			
Pembroke.....					1	5									1				1
Pittsfield.....					2				1										
Salisbury.....																	1		
Sutton.....																			
Warner.....							1												
Webster.....					1														
Wilmot.....					1										1				
Total.....	1		3	18	32	15			6				2	1	6		3		2

No. 7.—Continued.

## Counties, 1910.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.														VII. THE PUERPERAL STATE.									
119. Acute nephritis.	120. Bright's disease.	121. Other diseases of the kidneys.	122. Calculi of the urinary tract.	123. Diseases of the bladder.	124. Diseases of the urethra.	125. Diseases of the prostate.	126. Non-venereal diseases of the male genital organs.	127. Metritis.	128. Uterine hemorrhage (non-puerperal).	129. Uterine tumor.	130. Other diseases of the uterus.	131. Cysts and other tumors of the ovary.	132. Other diseases of the female genital organs.	133. Non-puerperal diseases of the breast.	134. Accidents of pregnancy.	135. Puerperal hemorrhage.	136. Other accidents of labor.	137. Puerperal septicemia.	138. Puerperal albuminuria and convulsions.	139. Phlegmasia alba dolens (puerperal).	140. Other puerperal accidents.	141. Puerperal diseases of the breast.	
1	5					1																	
1	1	1																					
	1																						
	1																						
	3																						
	1																						
9	19								1	1			1						4				
	1																						
	6	1																					
	2																						

Table

## Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Allentown.....	1								2	3		
Andover.....												
Boscawen.....									1			
Bow.....												
Bradford.....									1			
Canterbury.....												
Chichester.....												
Concord.....	1		1						2	10	1	
Danbury.....												
Dunbarton.....									1			
Epsom.....												
Franklin.....									1	5		
Henniker.....										2		
Hill.....												
Hooksett.....									1	1	1	
Hopkinton.....									1			
Loudon.....									1			
Newbury.....												
New London.....												
Northfield.....												
Pembroke.....										3		
Pittsfield.....									1	2		
Salisbury.....									1	1		
Sutton.....												
Warner.....											1	
Webster.....												
Wilmot.....												
Total.....	2		1						12	28	2	

No. 7.—Continued.

Counties, 1910.—International Classification.

154. Senile debility.	XII. OLD AGE.										XIII. EXTERNAL CAUSES.										XIV. ILL-DEFINED DISEASES.	
155. Suicide by poison.																						
156. Suicide by asphyxia.																						
157. Suicide by hanging or strangulation.																						
158. Suicide by drowning.																						
159. Suicide by firearms.																						
160. Suicide by cutting instruments.																						
161. Suicide by jumping from high places.																						
162. Suicide by crushing.																						
163. Other suicides.																						
164. Fractures.																						
165. Dislocations.																						
166. Other accidental traumatism.																						
167. Burns and scalds.																						
168. Burns from corrosive substances.																						
169. Sunstroke.																						
170. Freezing.																						
171. Electric shock.																						
172. Accidental drowning.																						
173. Inanition (starvation).																						
174. Absorption of deleterious gases (non-suicide).																						
175. Other acute poisonings.																						
176. Other external violence.																						
177. Dropsy.																						
178. Sudden death.																						
179. Causes of death unspecified or ill-defined.																						
44	1		4		5	2					18	3		2	1	10		1		2	1	6

Table

Causes of Death arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Amherst.....														1								1							
Antrim.....																						1							
Bedford.....																													
Bennington.....																													
Brookline.....							1																						
Deering.....																													
Fracestowm.....																													
Goffstown.....																													
Greenfield.....									1													14		1					
Greenville.....																1													
Hancock.....																													
Hillsborough.....																						4		1					
Hollis.....																					1								
Hudson.....					1																								
Litchfield.....																													
Lyndeborough.....									1			1										1							
Manchester.....	8					4	19	6	4			2		3		6						82	22	7					
Mason.....									1													3							
Merrimack.....																													
Milford.....					1	1	1		1			2		1								3		1					
Mont Vernon.....																						1							
Nashua.....	1				3	4	1	3				2		1		1			1		1	40	2	3					
New Boston.....									1																				
New Ipswich.....																						3							
Pelham.....	1								1																				
Peterborough.....	1													1		1						2							
Sharon.....																													
Temple.....																						1							
Weare.....									2													1							
Wilton.....						1			1													1							
Windsor.....																													
Total.....	11				5	9	23	9	13			8		7		9			1		1	159	24	13					

## No. 7.—Continued.

## Counties, 1910.—International Classification.

## I. GENERAL DISEASES.—Continued.

30. Pott's disease.	31. Cold abscess, abscess by congestion.	32. White swelling.	33. Tuberculosis of other organs.	34. General tuberculosis.	35. Scrofula.	36. Syphilis.	37. Gonorrhea (5 years and over).	38. Gonorrhea (under 5 years).	39. Cancer and other malignant tumors of the buccal cavity.	40. Cancer of stomach and liver.	41. Cancer of intestines.	42. Cancer of genital organs.	43. Cancer of breast.	44. Cancer of skin.	45. Cancer of other or unspecified organs.	46. Tumors.	47. Acute articular rheumatism.	48. Chronic rheumatism and gout.	49. Scoury.	50. Diabetes.	51. Exophthalmic goiter.	52. Addison's disease.	53. Leukemia.	54. Anemia, chlorosis.	55. Other general diseases.	56. Acute and chronic alcoholism.	57. Chronic lead poisoning.	59. Other chronic poisonings.
...	...	...	...	...	...	...	...	...	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	2	...	...	...	...	1	...	...	...	1	...	...	...
...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...
...	...	...	...	...	...	...	...	...	...	2	2	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1	15	5	7	9	1	4	...	2	...	...	10	2	1	1	1	5	1	2
...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	1	2	...	...	...	...	1	...	...	...	...	...	...	...
...	...	...	...	...	...	3	...	...	...	5	3	3	...	1	5	...	1	1	...	2	...	1	...	2	2	2	...	...
...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	4	28	14	18	11	4	15	1	3	3	...	16	2	2	1	12	1	4	...



Table

## Causes of Death arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.	
Amherst.....					1													
Antrim.....					3													
Bedford.....					2		1											
Bennington.....	1						1											
Brookline.....					2													
Derrington.....																		
Franeestown.....					1		1											
Goffstown.....	2			1	17			1	1	1	1							
Greenfield.....				1														
Greenville.....																		
Hancock.....							1											
Hillsborough.....					5													
Hollis.....																		
Hudson.....					3													
Litchfield.....	1																	
Lyndeborough.....					3													
Manchester.....	52		2	5	56	3	11	3		2		21				5		
Mason.....																		
Merrimack.....					3							1						
Milford.....	2				5		2	1					1			1	1	
Mont Vernon.....	1																	
Nashua.....	10		1	2	17		6				1	9	1			1		
New Boston.....					1													
New Ipswich.....	1				1													
Pelham.....						1												
Peterborough.....					4													
Sharon.....																		
Temple.....					1													
Weare.....					2													
Wilton.....	1		2		5													
Windsor.....					2													
Total.....	71		3	11	134	4	23	5	1	3	2	31	2		7	1		

No. 7.—Continued.

## Counties, 1910.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.												
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.	80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.
.	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
.	2	1	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.	1	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	13	75	9	14	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1	1	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	7	35	4	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
.	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	34	165	18	24	11	1	2	4	1	1	1	1	56	4	45	165	2	28	2	1	1	1

Table

## Causes of Death arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.													
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.
Amherst						1								
Antrim							1							
Bedford						2								
Bennington						1	1							
Brookline														
Deering						1								
Francestown														
Goffstown						2			2					
Greenfield														
Greenville					1									
Hancock														
Hillsborough					1									
Hollis						1								
Hudson													1	
Litchfield													1	
Lyndeborough														
Manchester	1	5	23	101	6	10	1				1	6	16	6
Mason						1								
Merrimack						4	5	1						1
Milford														
Mont Vernon														
Nashua	1	1	1	6	46	4		4				1	3	3
New Boston														
New Ipswich						1	2					1		
Pelham														
Peterborough				1	1				1	2			2	
Sharon														
Temple					1		1							
Weare													1	
Wilton							2							
Windsor														
Total	1	2	7	39	160	18		17	3	4	14	19	1	9

## No. 7.—Continued.

## Counties, 1910.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.										VII. THE PUERPERAL STATE.									
119. Acute nephritis.																			
120. Bright's disease.																			
121. Other diseases of the kidneys.																			
122. Calculi of the urinary tract.																			
123. Diseases of the bladder.																			
124. Diseases of the urethra.																			
125. Diseases of the prostate.																			
126. Non-venereal diseases of the male genital organs.																			
127. Metritis.																			
128. Uterine hemorrhage (non-puerperal).																			
129. Uterine tumor.																			
130. Other diseases of the uterus.																			
131. Cysts and other tumors of the ovary.																			
132. Other diseases of the female genital organs.																			
133. Non-puerperal diseases of the breast.																			
134. Accidents of pregnancy.																			
135. Puerperal hemorrhage.																			
136. Other accidents of labor.																			
137. Puerperal septicemia.																			
138. Puerperal albuminuria and convulsions.																			
139. Phlegmasia alba dolens (puerperal).																			
140. Other puerperal accidents.																			
141. Puerperal diseases of the breast.																			
10	116	5	15	1				2	2		1		2	2	5	1		2	

Table

## Causes of Death arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Amherst.....										1		
Antrim.....										1		
Bedford.....												
Bennington.....												
Brookline.....												
Deering.....												
Francestown.....										2		
Goffstown.....	2								1	7		
Greenfield.....									1			
Greenville.....											1	
Hancock.....									1			
Hillsborough.....	1											
Hollis.....		1							1			
Hudson.....												
Litchfield.....												
Lyndeborough.....												
Manchester.....	3	1	2	2	1				12	108	11	1
Mason.....					1							
Merrimack.....										1		
Milford.....	1								1	5		
Mont Vernon.....										1		
Nashua.....	1						1		6	36	2	
New Boston.....												
New Ipswich.....										2		
Pelham.....										1		
Peterborough.....										2		
Sharon.....												
Temple.....												
Weare.....												
Wilton.....												
Windsor.....												
Total.....	8	1	3	2	1		1		23	167	14	1

No. 7.—Continued.

## Counties, 1910.—International Classification.

XII. Old Age.		XIII. EXTERNAL CAUSES.															XIV. IL- DEFINED DISEASES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
154. Senile debility.		155. Suicide by poison.		156. Suicide by asphyxia.		157. Suicide by hanging or strangulation.		158. Suicide by drowning.		159. Suicide by firearms.		160. Suicide by cutting instruments.		161. Suicide by jumping from high places.		162. Suicide by crushing.		163. Other suicides.		164. Fractures.		165. Dislocations.		166. Other accidental traumas.		167. Burns and scalds.		168. Burns from corrosive substances.		169. Sunstroke.		170. Freezing.		171. Electric shock.		172. Accidental drowning.		173. Inanition (starvation).		174. Absorption of deleterious gases (non-suicidal).		175. Other acute poisonings.		176. Other external violence.		177. Dropsy.		178. Sudden death.		179. Causes of death unspecified or ill-defined.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Table

## Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Alstead . . . . .																							2						
Chesterfield . . . . .									1																				
Dublin . . . . .																													
Fitzwilliam . . . . .												1		1								1							
Gilsum . . . . .																													
Harrisville . . . . .																													
Hinsdale . . . . .												1										1							
Jaffrey . . . . .						1	3																						
Keene . . . . .	3								1			2				3						2							
Marlborough . . . . .								1				1		1								2							
Marlow . . . . .																						2							
Nelson . . . . .																													
Richmond . . . . .														1															
Rindge . . . . .																									1				
Roxbury . . . . .																													
Stoddard . . . . .						1																							
Sullivan . . . . .																													
Surry . . . . .						1																							
Swanzey . . . . .																													
Troy . . . . .					3																								
Walpole . . . . .																													
Westmoreland . . . . .																													
Winchester . . . . .														1									1						
Total . . . . .	3					5	2	3	4			5		4		3						25				4			



Table

## Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																		
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.	
Alstead . . . . .					1	1													
Chesterfield . . . . .		1				1													
Dublin . . . . .							2												
Fitzwilliam . . . . .								1											
Gilsum . . . . .						1													
Harrisville . . . . .					1	5					1								
Hinsdale . . . . .		1			1	5													
Jaffrey . . . . .		2			2	2													
Keene . . . . .		1		1	2	10		5							1		1		
Marlborough . . . . .					2	2		1									1		
Marlow . . . . .						1													
Nelson . . . . .																			
Richmond . . . . .								1	1										
Rindge . . . . .		1				1		1											
Roxbury . . . . .																			
Stoddard . . . . .																			
Sullivan . . . . .						1													
Surry . . . . .																			
Swansey . . . . .						3		1											
Troy . . . . .		1				2		1											
Walpole . . . . .		1				2		1	1										
Westmoreland . . . . .		1				5					1								
Winchester . . . . .					1	2													
Total . . . . .	9		1	5	41			11	2	2	2	1	1	1		2			



Table

## Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Alstead .....						2			1										
Chesterfield .....																			
Dublin .....																			
Fitzwilliam .....			1			1	1						1						
Gilsum .....																			
Harrisville .....						2													
Hinsdale .....						4													
Jaffrey .....						3	1												
Keene .....					3	7	2		2					2	1	1		7	
Marlborough .....						2	1							1			1		
Marlow .....									2										
Nelson .....																			
Richmond .....																			
Rindge .....																			
Roxbury .....																			
Stoddard .....																			
Sullivan .....																			
Surry .....																			
Swanzey .....										1									
Troy .....						1									1				
Walpole .....				1		1													
Westmoreland .....						1													
Winchester .....						3	1						1						
Total .....			2	3	27	6			5	1			5	2	1		9		2

## No. 7.—Continued.

## Counties, 1910.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.										VII. THE PUERPERAL STATE.									
119. Acute nephritis.																			
120. Bright's disease.		2																	
121. Other diseases of the kidneys.			1																
122. Calculi of the urinary tract.			1																
123. Diseases of the bladder.			1																
124. Diseases of the urethra.			1																
125. Diseases of the prostate.																			
126. Non-venereal diseases of the male genital organs.																			
127. Metritis.																			
128. Uterine hemorrhage (non-puerperal).																			
129. Uterine tumor.																			
130. Other diseases of the uterus.																			
131. Cysts and other tumors of the ovary.																			
132. Other diseases of the female genital organs.																			
133. Non-puerperal diseases of the breast.																			
134. Accidents of pregnancy.																			
135. Puerperal hemorrhage.										1									
136. Other accidents of labor.																			
137. Puerperal septicemia.											1								
138. Puerperal albuminuria and convulsions.											1								
139. Phlegmasia alba dolens (puerperal).																			
140. Other puerperal accidents.																			
141. Puerperal diseases of the breast.																			
5	30			2				1				5							



Table

## Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.			
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bone.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Alstead . . . . .											4	1	
Chesterfield . . . . .													
Dublin . . . . .							1						
Fitzwilliam . . . . .													
Gilsum . . . . .													
Harrisville . . . . .													
Hinsdale . . . . .					1								
Jaffrey . . . . .	1												
Keene . . . . .										5			
Marlborough . . . . .										5	1		
Marlow . . . . .													
Nelson . . . . .													
Richmond . . . . .									1				
Rindge . . . . .									1	2			
Roxbury . . . . .													
Stoddard . . . . .													
Sullivan . . . . .													
Surry . . . . .													
Swanzey . . . . .											2		
Troy . . . . .	1									2	2		
Walpole . . . . .	1									1	2		
Westmoreland . . . . .										1			
Winchester . . . . .											2		
Total . . . . .	3				1		1		6	24	2		

No. 7.—Continued.

Counties, 1910.—International Classification.

XII. OLD AGE.										XIII. EXTERNAL CAUSES.														XIV. ILL-DEFINED DISEASES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
154. Senile debility.										155. Suicide by poison.										156. Suicide by asphyxia.										157. Suicide by hanging or strangulation.										158. Suicide by drowning.										159. Suicide by firearms.										160. Suicide by cutting instruments.										161. Suicide by jumping from high places.										162. Suicide by crushing.										163. Other suicides.										164. Fractures.										165. Dislocations.										166. Other accidental traumatisms.										167. Burns and scalds.										168. Burns from corrosive substances.										169. Sunstroke.										170. Freezing.										171. Electric shock.										172. Accidental drowning.										173. Inanition (starvation).										174. Absorption of deleterious gases (non-suicidal).										175. Other acute poisonings.										176. Other external violence.										177. Dropsy.										178. Sudden death.										179. Causes of death unspecified or ill-defined.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Table

## Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Acworth.....																													
Charlestown.....																													
Claremont.....						1	1		1													8	1						
Cornish.....																						2							
Croydon.....												1																	
Goshen.....																													
Grantham.....																													
Langdon.....																													
Lempster.....																													
Newport.....	1								2	1												7	1						
Plainfield.....																						3							
Springfield.....						1								1															
Sunapee.....																													
Unity.....	1																												
Washington.....																													
Total.....	2					2	1		3		1	1		1							20	2							



Table

## Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Acworth.....																	
Charlestown.....				2				2									
Claremont.....	2		2	9						1							
Cornish.....				1													
Croydon.....				1						1							
Goshen.....							1										
Grantham.....				2													
Langdon.....				1													
Lempster.....				1													
Newport.....			2					1								2	
Plainfield.....							2										
Springfield.....				1													
Sunapee.....	1			2	1												
Unity.....	1			1					1								
Washington.....				3													
Total.....	4		4	1 23	1		4	2		3						2	

## No. 7.—Continued.

## Counties, 1910.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.												
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.	80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
.....	.....	2	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	7	1	.....	.....	.....	.....	.....	1
1	.....	9	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	7	.....	.....	.....	.....	.....	.....	.....
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
.....	1	5	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	13	.....	.....	1	.....	.....	.....	.....
.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	4	.....	.....	.....	.....	.....	.....
.....	.....	6	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
1	2	38	1	6	4	.....	.....	.....	.....	.....	.....	.....	1	1	3	41	1	3	.....	.....	.....	2



Table

Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Acworth.....						1													
Charlestown.....						2						1							
Claremont.....				2	2	2	1					1		1		3			
Cornish.....				1										1					
Croydon.....																			
Goshen.....																			
Grantham.....																			
Langdon.....																			
Lempster.....	1																1		
Newport.....				5	4			1	1				1			1			
Plainfield.....				1															
Springfield.....		1		1															
Sunapee.....																			
Unity.....																			
Washington.....				1	1			1											
Total.....	1	1	11	10	1	2	1	2	1	2	2	1	2	5					



Table

## Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Acworth.....												
Charlestown.....												
Claremont.....											9	
Cornish.....												
Croydon.....	1											
Goshen.....												
Grantham.....												
Langdon.....												
Lempster.....												
Newport.....	2									2	4	
Plainfield.....					1							
Springfield.....									1		2	
Sunapee.....												
Unity.....												
Washington.....												
Total.....	3				1				3	15		

No. 7.—Continued.

Counties, 1910.—International Classification.

XII. Old Age.		XIII. EXTERNAL CAUSES.										XIV. ILL-DEFINED DISEASES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
154. Senile debility.		155. Suicide by poison.		156. Suicide by asphyxia.		157. Suicide by hanging or strangulation.		158. Suicide by drowning.		159. Suicide by firearms.		160. Suicide by cutting instruments.		161. Suicide by jumping from high places.		162. Suicide by crushing.		163. Other suicides.		164. Fractures.		165. Dislocations.		166. Other accidental traumatisms.		167. Burns and scalds.		168. Burns from corrosive substances.		169. Sunstroke.		170. Freezing.		171. Electric shock.		172. Accidental drowning.		173. Inanition (starvation).		174. Absorption of deleterious gases (non-suicide).		175. Other acute poisonings.		176. Other external violence.		177. Dropsy.		178. Sudden death.		179. Causes of death unspecified or ill-defined.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Alexandria.....								1																					
Ashland.....																					1								
Bath.....																						2							
Benton.....																					1								
Bethlehem.....																						1							
Bridgewater.....									1																				
Bristol.....									2													4							
Campton.....																					1								
Canaan.....																													
Dorchester.....																													
Easton.....																													
Ellsworth.....																						2							
Enfield.....	1															1													
Franconia.....																													
Grafton.....																					1								
Groton.....																													
Hanover.....																					1	1							
Haverhill.....																					2								
Hebron.....																													
Holderness.....																					1								
Landaff.....																					1								
Lebanon.....									4												4								
Lincoln.....													1									1							
Lisbon.....																					2								
Littleton.....								1													6		1						
Livermore.....																													
Lyman.....																1					1								
Lyme.....								1													2								
Monroe.....																													
Orange.....																													
Orford.....																						1							
Piermont.....							1																						
Plymouth.....	1																												
Rumney.....												2																	
Thornton.....									1																				
Warren.....	1								1																				
Waterville.....																													
Wentworth.....												1										1							
Woodstock.....																													
Total.....	3						1	2	10			4			2						34	2	1						





Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.	
Alexandria.																		
Ashland.																		
Bath.	1				2		1									1		
Benton.																		
Bethlehem.					2							1						
Bridgewater.																		
Bristol.								2										
Campton.	1				4		1											
Canaan.					2		1											
Dorchester.																		
Easton.																		
Ellsworth.																		
Enfield.					4		1											
Franconia.																		
Grafton.																		
Groton.																		
Hanover.					4		1											
Haverhill.	1				1	7				1								
Hebron.																		
Holderness.																		
Landaff.	1				1													
Lebanon.					2	6	1	2				1	1			2		
Lincoln.					1	2												
Lisbon.	2					3												
Littleton.						3												
Livermore.												1						
Lyman.																		
Lyme.						1	3		3									
Monroe.							1											
Orange.																		
Orford.							1											
Piermont.																		
Plymouth.							1					1						
Rumney.																		
Thornton.																		
Warren.						1	2									1		
Waterville.																		
Wentworth.						1												
Woodstock.																		
Total.	6		1	7	48	1	12		1	1		4			4			

No. 7.—Continued.

## Counties, 1910.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.												IV. DISEASES OF THE RESPIRATORY SYSTEM.											
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.	80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.	
		3	1																				
		3								1													
		1											1										
		1																					
		2																					
1			1											1									
		1																					
		1																					
		2								1													
		2											1										
		4											1										
	1	4			2								2		2	3						1	
	1	4		1	1								2	1	9								
		1		2																			
		1		1										1									
		6		1										1	1	3			1				
		2		2										1									
	1	5		2										7									
	1	4		2		3							3	7	9			5					
			1											1									
			4											1									
			3											1									
			1																				
			4		1										2								
			2																				
			2																				
			1										1										
	1				2	1																	
		4																					
1	8	69		7	5	7				2	1		7	4	16	48	1	10				1	

Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Alexandria.																			
Ashland.																			
Bath.									1										
Benton.						1													
Bethlehem.																			
Bridgewater.																			
Bristol.													1						
Campton.																			
Canaan.					2	1	1		1				1						
Dorchester.																			
Easton.																			
Ellsworth.																			
Enfield.					1											1			
Franconia.																			
Grafton.																			
Groton.					1														
Hanover.											1							2	
Haverhill.					2				1										
Hebron.																			
Holderness.																			
Landaff.						2													
Lebanon.						3	2		3							1			
Lincoln.					1	1							1						
Lisbon.				1	1													2	
Littleton.					3	2	3										1		
Livermore.																			
Lyman.							1						1						
Lyme.					1		1												
Monroe.																1			
Orange.																			
Orford.													1		1				
Piermont.																			
Plymouth.							1											1	1
Rumney.					1													1	
Thornton.																			
Warren.					1														
Waterville.																			
Wentworth.																			
Woodstock.					1														
Total			1	15	10	9			6	1			5		5		7	1	1



Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Alexandria.												
Ashland.	1										1	
Bath.											2	
Benton.												
Bethlehem.	1										1	
Bridgewater.												
Bristol.									1	2	1	
Campton.												
Canaan.											1	
Dorchester.												
Easton.												
Ellsworth.												
Enfield.											1	
Franconia.												
Grafton.												
Groton.												
Hanover.											3	1
Haverhill.	2								2	1		
Hebron.												
Holderness.											1	
Landaff.									1			
Lebanon.									2	7		
Lincoln.												
Lisbon.									1	1	1	
Littleton.	1								1	2	1	
Livermore.												
Lyman.												
Lyme.												1
Monroe.												
Orange.												
Orford.									1	1		
Piermont.												
Plymouth.	1								2	2		
Rumney.										1		
Thornton.												
Warren.												1
Waterville.												
Wentworth.					1						1	
Woodstock.											1	
Total.	6				1				10	29	6	





Table

Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.		I. GENERAL DISEASES.																												
		1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Berlin.....	5	1	1	1	1																		9	1						
Carroll.....													1																	
Clarksville.....																														
Colebrook.....										1																				
Columbia.....										1										1										
Dalton.....																							1							
Dummer.....																														
Errol.....																														
Gorham.....			1								1																			
Jefferson.....						1																								
Lancaster.....	1					1																	1							
Milan.....																														
Millsfield.....																														
Northumberland.....															1	1														
Pittsburg.....										1																				
Randolph.....																							1							
Shelburne.....																														
Stark.....																														
Stewartstown.....	1															1														
Stratford.....																							1							
Whitefield.....	1								1				2										2							
Total.....	8	2	3	1	1	4		1	3		1	3	1	2		2			1		1	15	1		1					



Table

## Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.															
	60. Encephalitis. 61. Simple meningitis. 61a. Epidemic cerebro-spinal meningitis. 62. Locomotor ataxia. 63. Other diseases of the spinal cord. 64. Apoplexy. 65. Softening of the brain. 66. Paralysis without specified cause. 67. General paralysis. 68. Other forms of mental alienation. 69. Epilepsy. 70. Convulsions (non-puerperal; 5 years and over). 71. Convulsions (under 5 years). 72. Tetanus. 73. Chorea. 74. Other diseases of the nervous system. 75. Diseases of the eye. 76. Diseases of the ear.															
Berlin .....	17	1	3	1	1				1		3				1	
Carroll .....			2													
Clarksville .....			1												1	
Colebrook .....			3													
Columbia .....			1													
Dalton .....					1											
Dummer .....	1															
Errol .....																
Gorham .....		1	1						1							1
Jefferson .....										1						
Lancaster .....	1		4												1	
Milan .....		1	1													
Millsfield .....																
Northumberland .....			3	1												
Pittsburg .....			1												1	
Randolph .....																
Shelburne .....																
Stark .....									1	1					1	
Stewartstown .....		1	1													
Stratford .....																
Whitefield .....			2													
Total .....	19	1	4	22	1	3			2	1	5			5	1	

## No. 7.—Continued.

## Counties, 1910.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.											IV. DISEASES OF THE RESPIRATORY SYSTEM.																																		
77. Pericarditis.		78. Acute endocarditis.		79. Organic diseases of the heart.		80. Angina pectoris.		81. Diseases of the arteries.		82. Embolism and thrombosis.		83. Diseases of the veins.		84. Diseases of the lymphatic system.		85. Hemorrhages.		86. Other diseases of the circulatory system.		87. Laryngitis.		88. Other diseases of the larynx.		89. Diseases of the thyroid body.		90. Acute bronchitis.		91. Chronic bronchitis.		92. Broncho-pneumonia.		93. Pneumonia.		94. Pleurisy.		95. Congestion and apoplexy of the lungs.		96. Gangrene of the lungs.		97. Asthma.		98. Pulmonary emphysema.		99. Other diseases of the respiratory system.	
1				3				2												2						4	1	7		14	1														
				1				1												1											1														
				1																							1					1													
																																		2											
....	1			4		1	1																				1	4			3	1													
				3																												2													
				4			1	1																								5													
								1																				1																	
						4																							1				2	1											
						1																																							
		1																																											
				4			1																										2												
				2										1																															
		1																																3											
1	3	33	1	6	2				1	4			6	3	12	35	3																												

Table

## Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Berlin.....					2	45	1					1					3		2	
Carroll.....						1														
Clarksville.....																				
Colebrook.....																				
Columbia.....																				
Dalton.....																				
Dummer.....																				
Errol.....																				
Gorham.....						4	1													
Jefferson.....														1						
Lancaster.....									1								1			
Milan.....						2														
Millsfield.....																				
Northumberland.....																				
Pittsburg.....																				
Randolph.....																				
Shelburne.....																				
Stark.....																				
Stewartstown.....					1				1											
Stratford.....																				
Whitefield.....							1		1					1			1			
Total.....					3	52	3		3					1	2		5		2	

## No. 7.—Continued.

### Counties, 1910.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.		VII. THE PUERPERAL STATE.	
119. Acute nephritis.	1	120. Bright's disease.	2
121. Other diseases of the kidneys.	4	122. Calculi of the urinary tract.	1
123. Diseases of the bladder.	2	124. Diseases of the urethra.	1
125. Diseases of the prostate.	1	126. Non-venereal diseases of the male genital organs.	1
127. Metritis.	5	128. Uterine hemorrhage (non-puerperal).	1
129. Uterine tumor.	2	130. Other diseases of the uterus.	1
131. Cysts and other tumors of the ovary.	1	132. Other diseases of the female genital organs.	1
133. Non-puerperal diseases of the breast.	1	134. Accidents of pregnancy.	1
135. Puerperal hemorrhage.	1	136. Other accidents of labor.	1
137. Puerperal septicemia.	1	138. Puerperal albuminuria and convulsions.	1
139. Phlegmasia alba dolens (puerperal).	1	140. Other puerperal accidents.	1
141. Puerperal diseases of the breast.	1		



Table

## Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Berlin . . . . .	1								1	16	2	
Carroll . . . . .												
Clarksville . . . . .												
Colebrook . . . . .									1			
Columbia . . . . .										1		
Dalton . . . . .										2		
Dummer . . . . .												
Errol . . . . .									2			
Gorham . . . . .									1	3		
Jefferson . . . . .										1		
Lancaster . . . . .	1									3		
Milan . . . . .										2		
Millsfield . . . . .												
Northumberland . . . . .												
Pittsburg . . . . .											1	
Randolph . . . . .												
Shelburne . . . . .												
Stark . . . . .										1		
Stewartstown . . . . .										1	1	
Stratford . . . . .												
Whitefield . . . . .										1		
Total . . . . .	2								5	31	4	



Table  
Recapitulation

COUNTIES.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicaemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Rockingham.....	3	1	..	..	2	1	7	8	2	..	..	2	2	1	4	..	..	..	..	..	..	54	..	5					
Strafford.....	5	..	5	..	5	4	1	8	..	1	2	2	2	..	2	..	..	..	..	..	..	67	2	3					
Belknap.....	2	..	1	..	1	..	1	2	..	8	..	..	..	..	1	..	..	..	..	..	22	1	..						
Carroll.....	..	..	1	..	..	..	4	..	1	..	..	..	..	..	1	..	..	..	..	..	16	..	..						
Merrimack.....	5	..	..	1	2	6	1	14	..	8	..	2	2	..	7	..	..	..	..	1	67	2	8						
Hillsborough.....	11	..	5	9	23	9	13	..	8	..	7	..	9	..	1	..	1	159	24	13	..	..	..						
Cheshire.....	3	..	..	5	2	3	4	..	5	..	4	..	3	..	..	..	..	..	..	..	25	..	4						
Sullivan.....	2	..	..	2	1	..	3	..	1	1	..	1	..	..	..	..	..	..	..	..	20	2	..						
Grafton.....	3	..	..	..	1	2	10	..	4	..	..	2	..	..	2	..	..	..	..	..	34	2	1						
Coös.....	8	..	2	3	1	1	4	..	1	3	..	1	..	2	..	1	..	15	..	1	..	..	..						
Total.....	42	1	9	8	27	46	25	64	..	4	41	..	19	1	31	..	2	..	2	..	2	479	33	35					

No. 7.—Continued.

by Counties, 1910.

## I. GENERAL DISEASES.—Continued.

30. Pot's disease.	31. Cold abscess, abscess by congestion.	32. White swelling.	33. Tuberculosis of other organs.	34. General tuberculosis.	35. Scrofula.	36. Syphilis.	37. Gonorrhea (five years and over).	38. Gonorrhea (under five years).	39. Cancer and other malignant tumors of the buccal cavity.	40. Cancer of stomach and liver.	41. Cancer of intestines.	42. Cancer of genital organs.	43. Cancer of breast.	44. Cancer of skin.	45. Cancer of other or unspecified organs.	46. Tumors.	47. Acute articular rheumatism.	48. Chronic rheumatism and gout.	49. Scarcy.	50. Diabetes.	51. Exophthalmic goiter.	52. Addison's disease.	53. Leukemia.	54. Anemia, chlorosis.	55. Other general diseases.	56. Acute and chronic alcoholism.	57. Chronic lead poisoning.	59. Other chronic poisoning.
...	1 2	...	...	...	...	...	...	...	4	22	11	8 4	3 7	2 5	...	13	...	...	...	...	...	...	...	...	...	...	...	...
1	1 1	1	...	...	...	...	...	...	18	6 2	1 4	5	...	3	...	6	...	1 5	...	...	...	...	...	...	...	...	...	...
...	2	...	...	...	...	...	...	...	2	8	...	4	4 5	2	...	4	...	1	1	...	5	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	...	1	8	3 2	3 3	5	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...
...	3	...	...	...	...	...	...	...	2	14	9 13	9 2	6	...	3	...	12	...	1	...	7	1 2	...	...	...	...	...	...
...	3 4	1 4	...	...	...	...	...	...	4	28	14 18	11 4	15	1 3	...	3	...	16	2 2	1 12	1 4	...	...	...	...	...	...	...
...	1 2	1	...	...	...	...	...	...	3	13	4 4	3 3	3 1	2	...	...	7	...	2 4	...	3	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	11	3 1	3 3	...	...	...	...	...	2	...	1 1	...	2 1	...	...	...	...	...	...	...
...	1 1	...	1	...	...	...	...	...	18	6 8	1 1	5	...	...	...	5	...	1 5	2 4	...	...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...	...	1	6	2 6	2 2	2	1	...	3	...	2 5	...	2	...	...	...	...	...	...	...	...
1	13 11	1 6	1	...	...	...	...	...	17	146	58 66	37 29	53	6 17	...	7	...	67	2 4	9 51	5 27	1	...	...	...	...	...	...

Table  
Recapitulation

COUNTIES.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																		
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.	
Rockingham.....		13	..	4	10	64	4	16	4	1	7	2	7	3	..	6	..	..	
Strafford.....	1	6	..	2	7	49	1	16	2	..	2	..	8	..	..	3	..	..	
Belknap.....		5	..	1	4	25	1	10	..	3	1	..	4	..	..	2	..	1	
Carroll.....		6	..	1	1	24	..	1	1	1	1	..	1	..	3	..	..	..	
Merrimack.....		10	..	2	1	98	2	32	11	1	7	..	2	..	..	14	..	..	
Hillsborough.....		71	..	3	11	134	4	23	5	1	3	2	31	2	..	7	1	..	
Cheshire.....		9	..	1	5	41	..	11	2	..	2	..	1	1	..	2	..	..	
Sullivan.....		4	..	4	1	23	1	4	2	..	3	..	..	..	..	2	..	..	
Grafton.....		6	..	1	7	48	1	12	..	..	1	1	4	..	..	4	..	..	
Coes.....		19	..	1	4	22	1	3	..	..	2	1	5	..	..	5	1	..	
Total.....	1	149	..	20	51	528	15	128	27	7	29	6	63	6	..	48	2	1	

No. 7.—Continued.

by Counties, 1910.

III. DISEASES OF THE CIRCULATORY SYSTEM.												IV. DISEASES OF THE RESPIRATORY SYSTEM.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
77. Pericarditis.			78. Acute endocarditis.			79. Organic diseases of the heart.			80. Angina pectoris.			81. Diseases of the arteries.			82. Embolism and thrombosis.			83. Diseases of the veins.			84. Diseases of the lymphatic system.			85. Hemorrhages.			86. Other diseases of the circulatory system.			87. Laryngitis.			88. Other diseases of the larynx.			89. Diseases of the thyroid body.			90. Acute bronchitis.			91. Chronic bronchitis.			92. Broncho-pneumonia.			93. Pneumonia.			94. Pleurisy.			95. Congestion and apoplexy of the lungs.			96. Gangrene of the lungs.			97. Asthma.			98. Pulmonary emphysema.			99. Other diseases of the respiratory system.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
3	6	107	13	16	2							1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</



Table  
Recapitulation

COUNTIES.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Rockingham.....	2	1	15	31	15	15	4	2	1	3	2	4	9	3	3	19	1	9	3	
Strafford.....	1	2	6	36	11	7	7	1	1	3	1	3	1	6	1	9	2	1	1	
Belknap.....	3	1	13	16	7	5	1	3	1	3	3	3	3	3	3	19	1	1	3	
Carroll.....	1	6	6	1	3	1	3	1	3	1	3	1	3	3	3	19	1	1	1	
Merrimack.....	1	3	18	32	15	6	6	6	6	3	2	1	6	3	3	19	1	1	2	
Hillsborough.....	1	2	7	39	160	13	17	3	3	4	14	19	1	9	2	19	1	9	9	
Cheshire.....	2	3	27	6	5	1	5	1	1	5	2	1	9	2	2	19	1	1	2	
Sullivan.....	1	1	11	10	1	2	1	2	1	2	1	2	5	5	7	1	1	1	1	
Grafton.....	1	15	10	9	6	1	6	1	1	5	5	7	1	1	1	1	1	1	1	
Coös.....	3	52	3	3	3	3	3	3	3	1	2	5	5	7	1	1	1	1	2	
Total.....	3	9	2	16	129	380	86	58	11	1	28	9	36	66	2	24	2	24	2	

No. 7.—Continued.

by Counties, 1910.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.													VII. THE PUERPERAL STATE.									
119. Acute nephritis.  120. Bright's disease.  121. Other diseases of the kidneys. 122. Calculi of the urinary tract. 123. Diseases of the bladder. 124. Diseases of the urethra. 125. Diseases of the prostate. 126. Non-venereal diseases of the male genital organs. 127. Metritis.  128. Uterine hemorrhage (non-puerperal).  129. Uterine tumor. 130. Other diseases of the uterus.  131. Cysts and other tumors of the ovary.  132. Other diseases of the female genital organs. 133. Non-puerperal diseases of the breast. 134. Accidents of pregnancy. 135. Puerperal hemorrhage. 136. Other accidents of labor. 137. Puerperal septicemia. 138. Puerperal albuminuria and convul- sions.  139. Phlegmasia alba dolens (puerperal).  140. Other puerperal accidents.  141. Puerperal diseases of the breast.																						
12	53	3	4	1											1	2						
7	44		3	1					1					1	1		2					
3	22	1	2	1										1			1					
3	13								1								1					
12	56	2	1	5	3			1	2				1		1	5	1					
10	116	5	15	1					2	2			1	2	2	5	1				2	
5	30		2						1						1	5						
2	27	2															2				2	
11	45		10	2					1						1	1	1					
1	23	1	2														1				2	
66	429	14	143	9				1	8	2			2	3	4	4	18	10			6	

Table  
Recapitulation

COUNTIES.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Rockingham.....	4	1	1	1					4	22	1	...
Strafford.....	4								2	27	6	...
Belknap.....	4								7	15		...
Carroll.....	1								4	11	1	...
Merrimack.....	2		1						12	28	2	...
Hillsborough.....	8	1	3	2	1	...	1	...	23	167	14	1
Cheshire.....	3				1	...	1	...	6	24	2	...
Sullivan.....	3				1	...			3	15		...
Grafton.....	6				1	...			10	29	6	...
Coos.....	2								5	31	4	...
Total.....	37	2	5	3	4	...	2	...	76	*369	36	1

\*Included under this title, 193 premature births.

No. 7.—*Concluded.*

## by Counties, 1910.

XIII. EXTERNAL CAUSES.															XIV. ILL-DEFINED DISEASES.	
XII. Old Age.																
154. Senile debility.																
155. Suicide by poison.																
156. Suicide by asphyxia.																
157. Suicide by hanging or strangulation.																
158. Suicide by drowning.																
159. Suicide by firearms.																
160. Suicide by cutting instruments.																
161. Suicide by jumping from high places.																
162. Suicide by crushing.																
163. Other suicides.																
164. Fractures.																
165. Dislocations.																
166. Other accidental traumatisms.																
167. Burns and scalds.																
168. Burns from corrosive substances.																
169. Sunstroke.																
170. Freezing.																
171. Electric shock.																
172. Accidental drowning.																
173. Inanition (starvation).																
174. Absorption of deleterious gases (non-suicidal).																
175. Other acute poisonings.																
176. Other external violence.																
177. Dropsy.																
178. Sudden death.																
179. Causes of death unspecified or ill-defined.																
46	2	1	1	1	1	2	17	5	1	1	11	2	3	2	1	8
24	1						13	3	1	1	2	4	9			10
27	1		1				7	2			4		1	1		3
16	1			1	2		3						1			2
44	1		4	5	2		18	3	2	1	10	1	2	1		6
91	1	3	2	1	1		35	7	1	1	11	2	1	5	2	35
23	1	1	2				5	4			3	2	3			3
18	2	1					5			1		1				3
49	1	2	2				15	3		1	4	3	1			3
17		1	4				16	4	2	1	4	1				4
355	8	4	14	5	15	4	134	31	5	5	5	52	5	16	20	77



M.	F.	1	23.	Rabies.	2.	1	1	1	1
M.	F.			26. Tuberculosis of the larynx.	2	2			1
25	23	27	1	27. Tuberculosis of the lungs.	479	253	226	6	6
27	18	28	29	28. Tubercular meningitis.	33	16	17	3	5
1	3	1	3	29. Abdominal tuberculosis.	35	15	20	1	3
1	3	1	3	30. Pott's disease.	1	1		1	3
1	3	2	2	33. Tuberculosis of other organs.	13	8	5		2
2	1	1	2	34. General tuberculosis.	11	4	7	1	1
1	1	1	1	35. Scrofula.	1	1		2	3
1	1	1	1	36. Syphilis.	6	4	2	4	2
1	1	1	1	37. Gonorrhea (5 years and over).	1	1			1
1	1	2	2	39. Cancer and other malignant tumors of the buccal cavity.	17	14	3		2
1	1	1	1	Cancer and other malignant tumors of the buccal cavity.	146	69	77	1	1
8	3	9	4	40. Cancer of stomach and liver.	58	25	33	1	3
4	7	8	10	41. Cancer of stomach and liver.	66	66		2	7
2	2	2	3	Cancer of intestines.	37	37		7	13
2	2	2	3	Cancer of genital organs.	29	18	11	2	2
6	6	3	3	Cancer of breast.	53	29	21	1	2
5	3	2	3	Cancer of skin.	6	1	5		1
1	1	1	2	Cancer of other or unspecified organs.	17	10	7	1	1
1	1	1	2	Tumors.	7	3	4	1	1
2	3	1	2	47. Acute articular rheumatism.	67	28	39	1	3
1	1	1	2	48. Chronic rheumatism and gout.	1	1	1	2	3
1	2	2	3	50. Diabetes.	1	1	1	2	3
1	1	1	2	51. Exophthalmic goiter.	2	2	2	1	2





[illegible]







## IX. DISEASES OF THE ORGANS OF LOCOMOTION.

[illegible]

## XII. OLD AGE.

M.	13	14	14	12	7	5	15	13	19	7	12	14	154.	Senile debility	355	145	210	1	5	12	32	33	2
	19	21	15	28	11	16	12	11	19	16	22	20		Senile debility				1	5	7	45	151	

### XIII. EXTERNAL CAUSES.

[illegible]

†Classed with males.



Table No. 8.—1910.—Concluded.

Sex.	MONTHS.												WHOLE NUMBER.		AGES.																
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.			Totals.	Males.	Females.	Unknown.	Under 1.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Unknown.
M.						1	2							5	3	2						1			1			1			
F.							1	1										1													
M.	1	1									1			5	4	1							1		1						
F.	1																														
M.					1									5	3	2															
F.							1	1																							
M.	1	3	5	7	7	8	5	3	2	3	3			52	47	5						11	4	4	3	2					
F.	1	2			1																										
M.	2					1	1											1				1									
M.														5	5																
F.	1	1	3			1			1	1				16	7	9		3	3												
M.	2	1			2		1	2	1					1	2			1	2			1	1	1							
F.	1	1			1		1				2	3																			
F.			1	2			2					1		20	11	9	7	1				1	2								
																	7														
XIV. ILL-DEFINED DISEASES.																															
M.						1																									
F.	1	1																1													
M.																															
M.	1	1																													
M.	1	1	8	3	1	1	3	4	10	3	4	2		2	2																
F.	1	2			4	2	4	8	4	5	4	2																			
M.	353	288	346	315	324	267	307	384	349	299	294	335		7455	3850	3594	1	792	192	71	35	64	203	205	264	398	558	632	417	30	
F.	347	292	312	336	308	252	265	316	313	279	286	284					581	173	54	39	63	191	224	243	323	517	583	588	15		

TABLE OF BIRTHS, MARRIAGES,  
DIVORCES AND DEATHS,  
1911.

Table  
Births, Marriages, and Deaths for  
Rockingham

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Atkinson.....	440	5	3	..	8	18.18	5	1	1	1	..
Auburn.....	637	5	4	..	9	14.12	2	5	1	1	..
Brentwood.....	759	5	6	..	11	14.49	8	1	1	1	..
Candia.....	993	9	13	..	22	22.15	11	3	2	5	1
Chester.....	818	5	3	..	8	9.77	6	..	..	2	..
Danville.....	517	4	1	..	5	9.67	5	..	..	..	..
Deerfield.....	917	8	6	..	14	15.26	11	..	2	1	..
Derry.....	5,123	40	49	..	89	17.37	50	20	9	9	1
East Kingston.....	413	..	4	..	4	9.68	2	..	2	..	..
Epping.....	1,649	18	13	..	31	18.79	10	11	7	3	..
Exeter.....	4,897	67	40	..	107	21.85	48	33	11	14	1
Fremont.....	622	7	7	..	14	22.50	12	..	..	2	..
Greenland.....	575	8	9	..	17	29.56	6	3	2	5	1
Hampstead.....	796	11	7	..	18	22.61	15	1	2	..	..
Hampton.....	1,215	9	9	..	18	14.81	17	1	..	..	..
Hampton Falls.....	552	1	6	..	7	12.68	7	..	..	..	..
Kensington.....	417	3	2	..	5	11.98	3	..	1	1	..
Kingston.....	1,015	8	12	..	20	19.70	18	..	1	1	..
Londonderry.....	1,533	16	9	..	25	16.30	15	3	4	3	..
Newcastle.....	624	4	3	..	7	11.21	5	..	..	2	..
Newfields.....	503	3	3	..	6	11.92	5	..	1	..	..
Newington.....	296	1	1	..	2	6.75	1	1	..	..	..
Newmarket.....	3,348	49	46	..	95	28.37	17	55	12	6	5
Newton.....	962	6	4	..	10	10.39	9	..	1	..	..
North Hampton.....	783	6	6	..	12	15.32	11	..	1	..	..
Northwood.....	1,059	9	12	..	21	19.83	18	..	..	2	1
Nottingham.....	607	4	6	..	10	16.47	8	..	2	..	..
Plaistow.....	1,173	14	14	..	28	23.87	14	7	4	3	..
Portsmouth.....	11,269	120	112	..	232	20.58	110	80	15	24	3
Raymond.....	1,203	4	10	..	14	11.73	10	2	1	..	1
Rye.....	1,014	1	3	..	4	3.94	3	..	..	1	..
Salem.....	2,117	10	20	..	30	14.17	13	12	2	2	1
Sandown.....	380	5	2	..	7	18.42	4	2	..	..	1
Seabrook.....	1,425	21	21	..	42	29.47	41	..	1	..	..
South Hampton.....	279	3	..	..	3	10.75	3	..	..	..	..
Stratham.....	602	3	4	..	7	11.62	4	..	1	2	..
Windham.....	656	1	5	..	6	9.14	4	1	1	..	..
Total.....	52,188	493	475	..	968	18.54	531	242	88	91	16

No. 9.

the year ending December 31, 1911.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
2					2	3	5		8	7		1	18.18
3					3	10	5		15	12	3		23.54
4		1			5	28	17		*45	32	9	4	59.28
6					6	9	9		18	15	2	1	18.12
3					3	10	6		16	16			19.54
2					2	7	5		12	11	1		23.21
6					6	17	7		24	22	2		26.17
35	6	3	8	1	53	20	26		46	31	12	3	8.97
2		1			3	6	7		13	9	1	3	31.47
10	3	3		1	17	12	17		29	25	3	1	17.58
26	10	5	4		45	45	47		92	76	9	7	18.78
4		1			5	3	7		10	8	2		16.07
4					4	7	7		14	13	1		24.34
4					4	14	4		18	16	1	1	22.61
2					2	15	16		31	28	2	1	25.51
4			1		5	2	2		4	4			7.24
4			1		5	5	4		9	8		1	21.58
4					4	9	7		16	15		1	15.76
7	1				8	13	12		25	18	5	2	16.30
2					2	3	8		11	10	1		17.62
5					5	5	6		11	9	1	1	21.86
						2			2	2			6.75
11	11	3	6		31	25	21		46	29	15	2	13.73
8			1		9	14	6		20	19	1		20.78
4		1			5	6	3		9	9			11.49
12		2	1		15	10	8		18	13	3	2	16.99
4					4	6	4		10	10			16.47
8	1	1	2		12	7	5		12	11	1		10.23
213	24	15	27	1	300	109	111		†220	173	37	10	19.52
11		1	1		13	9	9		18	16	1	1	14.96
12		1	2	1	16	9	9		18	18			17.75
13	3	2			18	12	15		27	23	3	1	12.75
			1		1	9	3		12	9	1	2	31.57
13			1		14	11	15		26	26			18.24
1					1	5	3		8	5		3	28.67
1					1	5			5	4		1	8.30
2					2	6	2		8	5	3		12.19
452	60	61	55	3	631	488	438		926	757	120	49	17.74

\* Died at the County Farm, 31.

† Died at public institutions, 31.

Table  
Births, Marriages, and Deaths for  
Strafford

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Barrington.....	900	4	7	..	11	12.22	9	1	....	1	..
Dover.....	13,247	153	139	..	*292	22.04	110	108	38	26	10
Durham.....	823	6	6	..	12	14.58	7	1	....	2	2
Farmington.....	2,621	17	35	..	52	19.83	44	2	2	2	2
Lee.....	479	4	3	..	7	14.61	4	.....	1	1	1
Madbury.....	331	1	5	..	6	18.12	5	1	....	..	..
Middleton.....	291	4	2	..	6	20.61	6	.....	..	..	..
Milton.....	1,542	16	23	..	39	25.29	29	4	3	1	2
New Durham.....	523	2	4	..	6	11.47	5	.....	..	1	..
Rochester.....	8,868	77	115	..	192	21.65	102	40	33	14	3
Rollinsford.....	1,836	21	17	..	38	20.69	10	17	5	5	1
Somersworth.....	6,704	95	77	..	172	25.65	31	111	14	13	3
Strafford.....	786	5	5	..	10	12.72	8	.....	1	1	..
Total.....	38,951	405	438	..	843	21.64	370	285	97	67	24

\* Born at County Farm 2.

No. 9.—Continued.

the year ending December 31, 1911.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
5					5	6	3		9	8		1	10.00
136	18	27	24	1	206	139	108	1	*248	185	48	15	18.72
6		2			8	7	6		13	10	3		15.79
14	1	2	2		19	19	27		46	39	3	4	17.55
6	1				7	7	3		10	9		1	20.87
1		1			2	2	3		5	5			15.10
4		1			5	3	4		7	5	1	1	24.05
6		1	1		8	14	8		22	18	3	1	14.26
1					1	7	5		12	11	1		22.94
64	7	7	3		81	51	65		†116	98	14	4	13.08
2	4	2	2		10	15	19		34	21	10	3	18.51
14	12	6	9		41	45	47		92	55	30	7	13.72
2					2	5	9		14	14			17.81
261	43	49	41	1	395	320	307	1	628	478	113	37	16.12

\* Died at County Farm, 17; at public institutions, 32.

† Died at public institutions, 1.



Table  
Births, Marriages, and Deaths for  
Belknap

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alton.....	1,348	11	10	..	21	15.57	18	1	1	1	..
Barnstead.....	1,081	3	9	..	12	11.10	9	2	1	..	..
Belmont.....	1,390	11	7	..	18	12.94	6	4	4	4	..
Centre Harbor.....	420	3	7	..	10	23.80	8	..	..	2	..
Gilford.....	744	2	5	..	7	9.40	6	1	..	..	..
Gilmanton.....	968	8	7	..	15	15.49	14	..	..	1	..
Laconia.....	10,183	110	105	..	215	21.11	65	103	19	24	4
Meredith.....	1,638	7	13	..	20	12.21	16	..	..	2	2
New Hampton.....	821	5	4	..	9	10.96	9	..	..	..	..
Sanbornton.....	850	2	8	..	10	11.76	8	..	2	..	..
Tilton.....	1,866	21	6	..	27	14.46	17	5	4	1	..
Total.....	21,309	183	181	..	364	17.08	176	116	31	35	6

No. 9.—*Continued.*

the year ending December 31, 1911.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
9	1	.....	.....	.....	10	14	10	.....	24	22	.....	2	17.80
4	.....	.....	.....	.....	4	9	8	.....	17	14	1	2	15.72
4	2	2	.....	.....	8	9	12	.....	21	20	1	.....	15.10
3	.....	.....	.....	.....	3	1	1	.....	2	1	.....	1	4.76
4	.....	.....	.....	.....	4	8	3	.....	11	10	.....	1	14.78
2	.....	1	.....	.....	3	8	10	.....	18	15	1	2	18.59
53	21	17	14	1	106	66	88	.....	154	126	24	4	15.12
13	.....	1	1	.....	15	13	13	.....	26	22	3	1	15.87
1	.....	.....	.....	.....	1	5	8	.....	13	11	.....	2	15.83
5	.....	1	.....	.....	6	4	8	.....	12	11	.....	1	14.11
7	2	3	1	.....	13	19	8	.....	27	25	1	1	14.46
105	26	25	16	1	173	156	169	.....	325	277	31	17	15.25

Table  
Births, Marriages, and Deaths for  
Carroll

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Albany.....	289	2	.....	..	2	6.92	.....	.....	1	1	..
Bartlett.....	1,197	11	12	..	23	19.21	18	.....	3	1	1
Brookfield.....	247	1	2	..	3	12.14	3	.....	.....	.....	..
Chatham.....	209	1	.....	..	1	4.78	1	.....	.....	.....	..
Conway.....	3,413	29	34	..	63	18.45	47	6	5	3	2
Eaton.....	380	4	2	..	6	15.78	6	.....	.....	.....	..
Effingham.....	558	2	4	..	6	10.75	6	.....	.....	.....	..
Freedom.....	542	5	2	..	7	12.91	7	.....	.....	.....	..
Hart's Location.....	85	.....	.....	..	.....	.....	.....	.....	.....	.....	..
Jackson.....	452	2	8	..	10	22.12	6	.....	1	1	2
Madison.....	507	8	4	..	12	23.66	10	.....	.....	2	..
Moultonborough.....	783	2	6	..	8	10.21	6	.....	1	1	..
Ossipee.....	1,354	11	9	..	20	14.77	16	1	1	1	1
Sandwich.....	928	12	3	..	15	16.16	13	.....	1	1	..
Tamworth.....	993	4	9	..	13	13.09	11	.....	.....	2	..
Tuftonborough.....	612	4	5	..	9	14.70	8	.....	.....	1	..
Wakefield.....	1,543	14	16	..	30	19.44	18	7	4	1	..
Wolfeboro.....	2,224	18	6	..	24	10.79	21	1	1	1	..
Total.....	16,316	130	122	..	252	15.44	197	15	18	16	6

No. 9.—Continued.

the year ending December 31, 1911.

County.

MARRIAGES.						DEATHS.						
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.		
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.
						4			4	1	1	2
8	1		2		11	4	8		12	9	1	2
1			1		2	3	3		6	6		
1		1			2		2		2	2		
24		4	6		34	25	27		52	41	10	1
2					2	3	2		5	5		
4					4	8	1		9	7	1	1
4		1			5	11	8		19	17	2	
						1			1			1
4					4	2	5		7	4	1	2
7					7	5	4		9	8		1
4		1			5	7	5		12	7	4	1
9		2			11	30	16		*46	38	2	6
5			1		6	5	8		13	12		1
7					7	6	9		15	14		1
		1			1	9	8		17	15		2
12	1	3			16	11	17		28	26	2	
13		2	2		17	22	18		40	36		4
105	2	15	12		134	156	141		297	248	24	25

\* Died at County Farm, 12.

Table

**Births, Marriages, and Deaths for**  
**Merrimack**

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Allentown.	1,457	25	19		44	30.19	5	28	6	5	
Andover.	1,201	12	6		18	14.98	18				
Boscawen.	1,240	10	8		18	14.51	15	1		1	1
Bow.	676	5	5		10	14.79	6	1	1	1	
Bradford.	695	3	5		8	11.51	8				
Canterbury.	680		4		4	5.88	4				
Chichester.	606	3	1		4	6.60	1			3	
Concord.	21,497	191	188		379	17.63	193	100	36	40	10
Danbury.	592	5	6		11	18.58	9			2	
Dunbarton.	513	2	1		3	5.84	3				
Epsom.	725	4	5		9	12.41	7	2			
Franklin.	6,132	72	51		123	20.05	55	36	18	9	5
Henniker.	1,395	10	5		15	10.75	10	1	4		
Hill.	556	9	2		11	19.78	8	1	1	1	
Hooksett.	1,528	7	8		15	9.81	6	6	2	1	
Hopkinton.	1,578	13	14		27	17.17	20		2	5	
Loudon.	838	6	5		11	13.12	10			1	
Newbury.	402	4	1		5	12.43	4	1			
New London.	805	8	7		15	18.63	12	1		2	
Northfield.	1,474	6	19		25	16.96	14	2	2	6	1
Pembroke.	3,062	41	44		85	27.75	19	45	9	11	1
Pittsfield.	2,222	24	12		36	16.20	25	5		4	2
Salisbury.	478	2	2		4	8.36	3			1	
Sutton.	698	6	7		13	18.62	11		1	1	
Warner.	1,226	7	6		13	10.60	11		1		1
Webster.	445	2	1		3	6.74	2	1			
Wilmot.	614	6	10		16	26.05	12		1	2	1
Total. . . . .	53,325	483	442		925	17.34	491	231	84	96	23

No. 9.—*Continued.*

the year ending December 31, 1911.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
2	2	1	2	....	7	12	19	....	31	21	6	4	21.27
6	1	....	....	....	7	8	10	....	18	17	1	1	14.98
5	1	1	....	....	7	20	14	....	*34	27	5	2	27.41
2	....	....	....	....	2	8	8	....	16	16	....	....	23.66
1	....	....	....	....	1	4	10	....	14	11	....	3	20.14
1	....	....	....	....	1	7	6	....	13	12	....	1	19.11
2	....	....	....	....	2	4	7	....	11	10	1	....	18.14
125	23	17	18	....	183	234	202	....	†436	327	84	25	20.28
3	....	1	....	....	4	11	2	....	13	13	....	....	21.95
2	....	....	....	....	2	5	2	....	7	7	....	....	13.64
3	....	2	....	....	5	10	3	....	13	13	....	....	17.93
33	10	3	4	....	50	47	45	....	92	73	12	7	15.00
15	....	....	....	....	15	16	11	....	27	26	1	....	19.35
5	....	2	....	....	7	4	5	....	9	8	....	1	16.18
6	....	4	....	....	10	17	11	....	28	23	4	1	18.32
9	....	1	....	....	10	16	15	....	31	28	2	1	19.64
2	....	....	....	....	2	6	4	....	10	10	....	....	11.93
1	....	1	....	....	2	12	4	....	16	15	....	1	39.80
2	....	1	3	....	6	9	8	....	17	15	2	....	21.11
7	....	....	1	....	8	8	4	....	12	7	2	3	8.14
9	8	2	6	....	25	51	47	....	98	72	20	6	32.00
17	....	3	2	....	22	19	19	....	38	31	5	2	17.10
5	....	....	....	....	5	5	....	....	5	5	....	....	10.46
2	....	....	....	....	2	13	4	....	17	17	....	....	24.35
13	....	....	1	....	14	7	10	....	17	17	....	....	13.86
3	....	....	....	....	3	2	4	....	6	6	....	....	13.48
6	....	....	....	....	6	9	2	....	11	11	....	....	17.91
287	45	39	37	....	408	564	476	....	1040	838	144	58	19.50

\* Died at County Farm, 12.

† Died at public institutions, 219.



Table  
Births, Marriages, and Deaths for  
Hillsborough

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Amherst. ....	1,060	9	3	..	12	11.32	9	..	2	1	..
Antrim. ....	1,235	12	10	..	22	17.81	18	1	..	2	1
Bedford. ....	1,110	6	8	..	14	12.61	7	5	1	1	..
Bennington. ....	690	5	7	..	12	17.39	5	3	3	1	..
Brookline. ....	501	9	5	..	14	27.94	9	2	1	2	..
Deering. ....	353	4	3	..	7	19.83	6	1	..	..	..
Francestown. ....	602	8	4	..	12	19.93	10	..	1	1	..
Goffstown. ....	2,579	18	29	..	*47	18.22	22	6	3	3	13
Greenfield. ....	574	5	4	..	9	15.67	6	1	1	1	..
Greenville. ....	1,374	17	11	..	28	20.37	4	17	4	3	..
Hancock. ....	642	4	4	..	8	12.46	5	1	..	2	..
Hillsborough. ....	2,168	9	13	..	22	10.14	17	2	1	1	1
Hollis. ....	935	4	4	..	8	8.55	6	2	..	..	..
Hudson. ....	1,344	11	7	..	18	13.39	11	..	3	4	..
Litchfield. ....	255	3	3	..	6	23.52	5	1	..	..	..
Lyndeborough. ....	660	4	4	..	8	12.12	7	..	1	..	..
Manchester. ....	70,063	1,001	914	..	1,915	27.33	376	1,164	173	163	39
Mason. ....	325	2	5	..	7	21.53	4	2	..	1	..
Merrimack. ....	1,039	4	4	1	9	8.66	5	..	1	1	2
Milford. ....	3,939	35	42	..	77	19.54	31	32	6	7	1
Mont Vernon. ....	413	1	1	..	2	4.84	1	..	..	..	..
Nashua. ....	26,005	335	339	..	674	25.91	192	350	65	59	8
New Boston. ....	982	4	5	..	9	9.16	7	1	..	..	1
New Ipswich. ....	927	10	7	..	17	18.33	4	11	..	2	..
Pelham. ....	826	3	8	..	11	13.31	8	1	..	2	..
Peterborough. ....	2,277	25	27	..	52	22.83	30	8	6	8	..
Sharon. ....	71	1	1	..	2	28.16	2	..	..	..	..
Temple. ....	284	3	2	..	5	17.60	4	..	..	1	..
Weare. ....	1,325	7	7	..	14	10.56	7	4	..	1	2
Wilton. ....	1,490	15	12	..	27	18.12	14	2	3	6	2
Windsor. ....	24	..	1	..	1	41.66	1	..	..	..	..
Total. ....	126,072	1,574	1,494	1	3,069	24.34	833	1,617	275	274	70

\* Born at County Farm, 16.

No. 9.—Continued.

the year ending December 31, 1911.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
6	1		1		8	5	7		12	9	3		11.32
12		1			13	9	12		21	20		1	17.00
5	1				6	4	6		10	5	4	1	9.00
3	1	1	3		8	8	3		11	8	2	1	15.94
4	2	1	1		8	3	9		12	11		1	23.95
2	1				3	2	3		5	5			14.16
2					2	7	5		12	11	1		19.93
14			1		15	62	52		*114	72	35	7	44.20
3		1			4	7	3		10	10			17.42
5	1		4		10	11	6		17	15	2		12.37
5					5	8	2		10	7	1	2	15.57
16			2		18	24	26		50	39	6	5	23.06
4					4	4	8		12	10	2		12.83
8	1	1	1		11	10	12		22	19	3		16.36
4					4	2	1		3	3			11.76
5					5	4	4		8	7	1		12.12
223	298	85	104		710	637	665		1,302	884	405	13	18.58
2		1			3	2			2	2			6.15
5		1			6	12	9		21	14	6	1	20.21
17	3	4	2		26	34	33		67	55	11	1	17.00
2					2	2	2		4	4			9.68
318	113	80	66		577	201	226	1	428	309	110	9	16.45
3					3	5	3		8	8			8.14
3	1	1			5	8	6		14	10	4		15.10
6					6	9	4		13	10	2	1	15.73
16	2	1	7		26	7	15		22	19	3		9.66
1					1	2	1		3	2		1	42.25
2					2	5	1		6	6			21.12
7					7	16	10		26	22	2	2	19.61
5	2	1	1		9	11	8		19	18	1		12.75
							1		1	1			41.66
708	427	179	193	....	1,507	1,121	1,143	1	2,265	1,615	604	46	17.96

\* Died at County Farm, 80.

**Table**  
**Births, Marriages, and Deaths for**  
**Cheshire**

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.				Parentage.					
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alstead . . . . .	711	8	10	..	18	25.31	12	4	2	..	..
Chesterfield . . . . .	770	5	7	..	12	15.58	9	1	..	1	..
Dublin . . . . .	571	8	4	..	12	21.01	6	4	..	2	..
Fitzwilliam . . . . .	1,148	19	16	..	35	30.48	9	22	2	2	..
Gilsum . . . . .	470	2	3	..	5	10.63	4	..	1	..	..
Harrisville . . . . .	623	12	8	..	20	32.10	12	1	5	2	..
Hinsdale . . . . .	1,673	17	17	..	34	20.30	21	7	2	4	..
Jaffrey . . . . .	1,895	28	23	..	51	26.91	12	17	10	11	1
Keene . . . . .	10,068	100	107	..	207	20.55	145	21	22	18	1
Marlborough . . . . .	1,478	21	14	..	35	23.68	16	13	2	4	..
Marlow . . . . .	425	9	2	..	11	25.88	8	..	2	1	..
Nelson . . . . .	231	..	1	..	1	4.32	1	..	..	..	..
Richmond . . . . .	393	4	2	..	6	15.26	5	..	..	1	..
Rindge . . . . .	706	6	4	..	10	14.16	7	1	1	1	..
Roxbury . . . . .	66	..	..	..	..	..	..	..	..	..	..
Stoddard . . . . .	257	..	..	..	..	..	..	..	..	..	..
Sullivan . . . . .	266	1	2	..	3	11.27	3	..	..	..	..
Surry . . . . .	213	3	..	..	3	14.08	3	..	..	..	..
Swanzy . . . . .	1,656	14	13	..	27	16.30	21	2	1	2	1
Troy . . . . .	1,331	20	20	..	40	30.05	19	14	4	3	..
Walpole . . . . .	2,668	32	27	..	59	22.11	23	30	4	2	..
Westmoreland . . . . .	758	7	6	..	*13	17.15	10	1	..	1	1
Winchester . . . . .	2,282	25	28	..	53	23.22	29	21	1	1	1
Total . . . . .	30,659	341	314	..	655	21.36	375	159	59	56	6

\* Born at County Farm, 3.

No. 9.—Continued.

the year ending December 31, 1911.

County.

MARRIAGES.						DEATHS.						
						Sex.				Nativity.		
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.
2	1	2	1	...	6	6	10	...	16	15	...	1
4	...	...	...	...	4	3	8	...	11	11	...	...
2	...	...	...	...	2	2	3	...	5	5	...	...
4	...	1	...	...	5	7	11	...	18	13	3	2
2	...	1	...	...	3	6	4	...	10	10	...	...
2	6	...	...	...	8	6	1	...	7	5	2	...
10	3	1	...	...	14	13	12	...	25	17	4	4
6	2	3	2	...	13	7	6	...	13	12	1	...
87	8	8	14	...	117	84	97	...	†181	153	21	7
12	4	1	...	...	17	11	10	...	21	16	4	1
1	...	1	...	...	2	2	2	...	4	4	...	...
...	...	...	1	...	1	1	1	...	2	2	...	...
1	...	...	...	...	1	2	5	...	7	5	1	1
2	...	1	1	...	4	6	4	...	10	10	...	...
1	...	...	...	...	1	...	...	...	...	...	...	...
4	...	...	...	...	4	...	...	...	...	...	...	...
1	...	...	...	...	1	3	1	...	4	3	...	1
...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	1	...	...	12	5	11	...	16	16	...	...
6	1	2	3	...	12	4	9	...	13	11	1	1
14	1	...	...	...	15	25	20	...	45	35	8	2
3	...	...	...	...	3	9	10	...	*19	15	3	1
11	1	2	2	...	16	22	13	...	35	32	2	1
186	27	24	24	...	261	224	238	...	462	390	50	22
15.06												

\* Died at County Farm, 12.

† Died at public institutions, 31.

Table  
Births, Marriages, and Deaths for  
Sullivan

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Acworth.....	536	7	9	..	16	29.85	12	1	1	1	1
Charlestown.....	1,496	11	12	..	23	15.37	16	4	....	1	2
Claremont.....	7,529	69	91	..	160	21.25	70	55	24	10	1
Cornish.....	1,005	11	9	..	20	19.90	17	2	....	1	..
Croydon.....	324	1	3	..	4	12.40	2	.....	1	1	..
Goshen.....	329	4	3	..	7	21.27	5	.....	..	1	1
Grantham.....	286	4	1	..	5	17.48	3	1	.....	..	1
Langdon.....	340	1	4	..	5	14.70	3	.....	1	1	..
Lempster.....	383	5	3	..	8	20.88	4	.....	4	.....	..
Newport.....	3,765	41	41	..	82	21.77	40	20	12	6	4
Plainfield.....	987	5	13	..	18	18.23	17	1	.....	..	..
Springfield.....	422	8	3	..	11	26.06	8	.....	1	2	..
Sunapee.....	1,071	7	14	..	21	19.60	14	.....	3	3	1
Unity.....	504	4	3	..	*7	13.88	4	.....	..	2	1
Washington.....	360	1	6	..	7	19.44	4	.....	1	1	1
Total.....	19,337	179	215	..	394	20.37	219	84	48	30	13

\* Born at County Farm, 1.

No. 9.—*Continued.*

the year ending December 31, 1911.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
1					1	7	3		10	9		1	18.65
18	1	1	1		21	11	16		27	25	2		18.04
43	20	9	6		78	41	66		107	86	21		14.21
2					2	8	5		13	11		2	12.93
2					2	4	4		8	7	1		24.80
3					3	4	3		7	7			21.27
2					2	2	3		5	5			17.48
1					1	2	2		4	4			11.76
						2	5		7	7			18.27
30	10	3	2		45	29	37		66	53	9	4	17.52
4					4	14	13		27	25		2	27.35
5					5	5	3		8	6	2		18.95
3		2	2		7	7	8		15	12	1	2	14.00
1					1	9	4		*13	11	1	1	25.79
4					4	4	1		5	5			13.88
119	31	15	11		176	149	173		322	273	37	12	16.65

\* Died at County Farm, 5.



Table  
Births, Marriages, and Deaths for  
Grafton

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alexandria.....	571	6	3	..	9	15.76	6	1	1	1	..
Ashland.....	1,412	13	17	..	30	21.24	19	3	4	4	..
Bath.....	978	10	6	..	16	16.35	13	..	3	..	..
Benton.....	219	2	1	..	3	13.69	2	..	..	..	..
Bethlehem.....	1,201	8	2	..	10	8.32	5	1	2	1	1
Bridgewater.....	187	2	3	..	5	26.73	5	..	..	..	..
Bristol.....	1,478	7	10	..	17	11.50	16	..	..	..	1
Campton.....	845	1	3	..	4	4.73	2	..	2	..	..
Canaan.....	1,408	12	12	..	24	17.04	17	2	3	2	..
Dorchester.....	241	..	1	..	1	4.14	1	..	..	..	..
Easton.....	226	1	4	..	5	22.12	..	..	3	1	1
Ellsworth.....	46	2	1	..	3	65.21	3	..	..	..	..
Enfield.....	1,448	13	11	..	24	16.57	15	4	3	2	..
Franconia.....	504	2	5	..	7	13.88	6	..	1	..	..
Grafton.....	641	3	5	..	8	12.48	8	..	..	..	..
Groton.....	319	3	1	..	4	12.53	3	1	..	..	..
Hanover.....	2,075	25	23	..	48	23.13	34	1	3	7	3
Haverhill.....	3,498	33	34	..	67	19.15	44	7	7	9	..
Hebron.....	213	..	2	..	2	9.38	1	..	1	..	..
Holderness.....	652	4	1	..	5	7.66	3	..	1	1	..
Landaff.....	526	9	6	..	15	28.51	6	5	..	4	..
Lebanon.....	5,718	66	49	..	115	20.11	65	22	12	12	4
Lincoln.....	1,278	19	25	..	44	34.42	10	25	7	2	..
Lisbon.....	2,460	22	16	..	38	15.47	28	4	3	2	1
Littleton.....	4,069	56	39	..	95	23.34	59	12	16	7	1
Livermore.....	64	..	..	..	..	..	..	..	..	..	..
Lyman.....	374	3	3	..	6	16.04	3	2	..	1	..
Lyme.....	1,007	10	11	..	21	20.85	16	..	1	4	..
Monroe.....	429	4	2	..	6	13.98	4	1	1	..	..
Orange.....	176	..	2	..	2	11.36	1	1	..	..	..
Orford.....	799	10	5	..	15	18.77	10	..	2	2	1
Piermont.....	592	2	5	..	7	11.82	6	..	1	..	..
Plymouth.....	2,200	25	22	..	47	21.36	37	1	4	4	1
Rumney.....	850	4	3	..	7	8.23	7	..	..	..	..
Thornton.....	553	4	5	..	9	16.27	6	2	..	1	..
Warren.....	701	5	5	..	10	14.26	7	1	1	1	..
Waterville.....	16	..	..	..	..	..	..	..	..	..	..
Wentworth.....	595	8	8	..	16	26.89	13	..	1	2	..
Woodstock.....	1,083	10	18	..	28	25.85	11	5	7	3	2
Total.....	41,652	404	369	..	773	18.55	492	102	90	73	16

No. 9.—Continued.

the year ending December 31, 1911.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death rate per 1,000.
1					1	5	5		10	7		3	17.51
8	2	1			11	7	13		20	16	3	1	14.16
8		3	3		14	7	6		13	13			13.29
						2	1		3	1	2		13.69
1		2			3	8	6		14	11	1	2	11.65
2					2	3	2		5	4			26.73
14		2	2		18	20	10		30	25	3	2	20.29
2					4	6	3		9	8	1		10.65
5			2		7	8	12		20	16	3	1	14.20
						2	1		2	1		1	8.28
		1			1	1	2		3	3			13.27
1					1	1	1		1	1			21.73
14	1		1		16	21	16		37	32	3	2	25.55
2					2	5	5		10	8	2		19.84
7		1			8	3	5		8	5	1	2	12.48
						2	2		2	2			6.26
11		2	1		14	38	24		*62	48	8	6	29.87
26	2	3	3		34	39	26		†65	40	10	15	18.58
2			1		3	2	3		5	4	1		23.47
6		1			7	4	8		12	12			18.40
		1			1	2	5		7	2	2	3	13.30
45	4	5	9		63	44	37		81	65	14	2	14.16
3	5				10	7	4		11	5	4	2	8.60
13		1	3		17	19	19		38	34	4		15.47
32	3	10	5		50	38	27		65	51	11	3	15.97
						2			2	2			31.25
4					4	4	3		7	6	1		18.71
3					3	6	7		13	12	1		12.90
3		1			4	3	1		4	4			9.32
						5	4		9	7		2	51.13
5					5	7	9		16	15	1		20.02
6		2	2		10	1	2		3	3			5.06
17	1	3	1	1	23	22	15		37	28	4	5	16.81
6	1	1	1		9	10	7		17	15	1	1	20.00
1		1			2	2	2		4	4			7.23
5					5	9	6		15	10	2	3	21.39
			1		3	9	1		10	10			16.80
	2				2	11	5		16	13	2	1	14.77
255	21	45	35	1	357	385	301		686	543	85	58	16.46

\* Died at public institution, 35.

† Died at County Farm, 24; at public institutions, 8.

Table  
Births, Marriages, and Deaths for  
Coös

TOWNS.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and for- eign father.	American father and for- eign mother.	Not stated.
Berlin.....	11,780	220	217	..	437	37.09	51	288	67	30	1
Carroll.....	569	2	4	..	6	10.54	1	2	1	...	2
Clarksville.....	271	2	2	..	4	14.76	4	.....	.....	.....	.....
Colebrook.....	1,905	20	14	..	34	17.84	26	.....	6	1	1
Columbia.....	619	2	.....	..	2	3.23	2	.....	.....	.....	.....
Dalton.....	475	6	10	..	16	33.68	10	1	4	1	..
Dummer.....	292	1	5	..	6	20.54	3	.....	2	1	..
Errol.....	211	3	1	..	4	18.95	3	.....	.....	1	..
Gorham.....	2,155	25	28	..	53	24.59	15	14	16	6	2
Jefferson.....	1,061	12	6	..	18	16.96	13	2	.....	3	..
Lancaster.....	3,054	20	24	..	44	14.40	27	4	5	4	4
Milan.....	924	7	7	..	14	15.14	11	1	2	.....	..
Millsfield.....	12	.....	.....	..	.....	.....	.....	.....	.....	.....	.....
Northumberland.....	2,184	25	18	..	43	19.68	17	8	9	8	1
Pittsburg.....	624	4	3	..	7	11.21	6	.....	1	.....	..
Randolph.....	137	.....	1	..	1	7.29	1	.....	.....	.....	.....
Shelburne.....	305	2	3	..	5	16.39	2	.....	2	1	..
Stark.....	448	5	2	..	7	15.62	4	1	2	.....	.....
Stewartstown.....	1,128	9	3	..	*12	10.63	1	3	2	4	2
Stratford.....	844	6	6	..	12	14.21	9	.....	3	.....	.....
Wentworth Location.....	.....	.....	.....	..	.....	.....	.....	.....	.....	.....	.....
Whitefield.....	1,635	16	9	..	25	15.29	10	6	5	3	1
Total.....	30,753	387	363	..	750	24.38	216	330	127	63	14

\* Born at County Farm, 1.

† Including unincorporated townships and grants.

No. 9.—*Continued.*

the year ending December 31, 1911.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
39	48	16	22	1	126	115	73	....	188	123	57	8	15.95
2	.....	1	.....	.....	3	2	6	.....	8	5	3	.....	14.05
3	.....	.....	1	.....	4	4	1	.....	5	4	1	.....	18.45
19	.....	.....	3	.....	22	17	10	.....	27	24	2	1	14.17
1	.....	1	.....	.....	2	3	6	.....	9	5	3	1	14.53
2	.....	2	.....	.....	4	3	1	.....	4	4	.....	.....	8.42
1	.....	.....	1	.....	2	.....	1	.....	1	.....	.....	1	3.42
.....	.....	.....	1	.....	1	2	1	.....	3	2	1	.....	14.21
15	6	.....	3	.....	24	15	8	.....	23	15	8	.....	10.67
8	.....	1	1	.....	10	10	12	.....	22	20	2	.....	20.73
20	1	2	4	.....	27	33	20	.....	53	38	13	2	17.35
6	.....	.....	1	.....	7	3	4	.....	7	7	.....	.....	7.57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
11	2	2	3	.....	18	18	16	.....	34	21	12	1	15.56
3	.....	.....	4	.....	7	4	3	.....	7	6	.....	1	11.21
.....	.....	.....	1	.....	1	.....	1	.....	1	1	.....	.....	7.29
2	.....	.....	.....	.....	2	.....	2	.....	2	2	.....	.....	6.55
2	.....	1	1	.....	4	4	1	.....	5	3	2	.....	11.16
4	.....	2	.....	.....	6	17	8	.....	*25	18	5	2	22.16
8	1	1	1	.....	11	3	12	.....	15	11	3	1	17.77
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
12	1	.....	4	.....	17	9	11	.....	†20	14	3	3	12.23
158	59	29	51	1	298	262	197	.....	459	323	115	21	14.92

\* Died at County Farm, 10.

† Died at public institutions, 8.

Table

**Births, Marriages, and Deaths for**  
**Recapitulation**

COUNTIES.	Population in 1910.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Rockingham.....	52,188	493	475	..	968	18.54	531	242	88	91	16
Strafford.....	38,951	405	438	..	843	21.64	370	285	97	67	24
Belknap.....	21,309	183	181	..	364	17.08	176	116	31	35	6
Carroll.....	16,316	130	122	..	252	15.44	197	15	18	16	6
Merrimack.....	53,335	483	442	..	925	17.34	491	231	84	96	23
Hillsborough.....	126,072	1,574	1,494	1	3,069	24.34	833	1,617	275	274	70
Cheshire.....	30,659	341	314	..	655	21.36	375	159	59	56	6
Sullivan.....	19,337	179	215	..	394	20.37	219	84	48	30	13
Grafton.....	41,652	404	369	..	773	18.55	492	102	90	73	16
Coös.....	30,753	387	363	..	750	24.38	216	330	127	63	14
Total.....	430,572	4,579	4,413	1	8,993	20.88	3900	3,181	917	801	194

No. 9.—*Concluded.*

the year ending December 31, 1911.

by Counties.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
452	60	61	55	3	631	488	438	....	926	757	120	49	17.74
261	43	49	41	1	395	320	307	1	628	478	113	37	16.12
105	26	25	16	1	173	156	169	....	325	277	31	17	15.25
105	2	15	12	....	134	156	141	....	297	248	24	25	18.20
287	45	39	37	....	408	564	476	....	1,040	838	144	58	19.50
708	427	179	193	....	1,507	1,121	1,143	1	2,265	1,615	604	46	17.96
186	27	24	24	....	261	224	238	....	462	390	50	22	15.06
119	31	15	11	....	176	149	173	....	322	273	37	12	16.65
255	21	45	35	1	357	385	301	....	686	543	85	58	16.46
158	59	29	51	1	298	262	197	....	459	323	115	21	14.92
2,636	741	481	475	7	4,340	3,825	3,583	2	7,410	5,742	1,323	345	17.20



**Table**  
**Births by Sex and**

COUNTIES.		January.	February.	March.	April.	May.
Rockingham.....	Males.....	44	37	47	39	47
	Females.....	39	29	51	28	38
	Not stated.....					
Strafford.....	Males.....	36	36	43	39	25
	Females.....	37	44	41	27	27
	Not stated.....					
Belknap.....	Males.....	25	14	18	10	17
	Females.....	15	12	16	16	14
	Not stated.....					
Carroll.....	Males.....	15	15	7	10	12
	Females.....	13	7	12	13	14
	Not stated.....					
Merrimack.....	Males.....	30	40	54	37	42
	Females.....	38	42	42	37	41
	Not stated.....					
Hillsborough.....	Males.....	155	116	142	118	149
	Females.....	132	120	127	108	139
	Not stated.....		1			
Cheshire.....	Males.....	27	23	19	34	29
	Females.....	27	24	36	31	31
	Not stated.....					
Sullivan.....	Males.....	13	14	13	20	15
	Females.....	18	9	30	20	16
	Not stated.....					
Grafton.....	Males.....	39	30	40	31	30
	Females.....	36	30	28	19	31
	Not stated.....					
Coös.....	Males.....	34	42	30	36	36
	Females.....	19	39	29	25	30
	Not stated.....					
Total.....	Males.....	418	367	413	374	402
	Females.....	374	356	412	324	381
	Not stated.....		1			
Grand total.....		792	724	825	698	783

## No. 10.

## Month, by Counties, 1911.

June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
46 50	42 44	43 43	43 42	32 30	33 38	40 43	.....	493 475	968
33 52	28 28	33 38	38 48	33 42	37 31	24 23	.....	405 438	
17 9	13 16	13 20	15 17	13 16	15 18	13 12	.....	183 181	364
10 16	20 6	10 8	13 9	9 8	9 10	10 6	.....	130 122	
42 30	50 37	45 36	44 36	28 42	35 27	36 34	.....	483 442	925
134 130	143 143	126 122	122 116	129 127	106 117	134 113	.....	1,574 1,494 1	
30 22	29 22	39 24	32 21	28 29	21 22	30 25	.....	341 314	655
14 19	18 16	14 22	16 16	10 16	13 15	19 18	.....	179 215	
34 33	40 33	27 36	31 31	31 33	33 27	38 29	.....	404 369	773
25 36	25 30	34 43	37 29	25 35	30 25	33 23	.....	387 363	
385 397	408 375	384 392	391 368	338 378	332 330	367 326	.....	4,579 4,413 1	8,993
782	783	776	759	716	662	693	.....	8,993	

Table

**Births showing age of mother,**

NUMBER OF CHILD.	Under 15.			15 to 20.			20 to 25.			25 to 30.			30 to 35.		
	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.
1st.....	3			438	113	2	627	367	5	312	183		133	66	2
2d.....				89	23		447	283	6	308	255	1	151	94	1
3d.....				18	2		248	138	1	258	228	2	142	133	
4th.....				1	1		111	75		175	184		121	125	2
5th.....							36	27		118	148	2	99	113	
6th.....							13	6		61	72		71	119	
7th.....							2	2		29	34		43	85	
8th.....										7	10		32	52	
9th.....										4	8		19	37	
10th.....										2	1		6	13	
11th.....													9	9	
12th.....													3	5	
13th.....											1		2	3	
14th.....															
15th.....														1	
16th.....															
17th.....															
18th.....															
19th.....															
20th.....															
Not stated				1	3		17	18		6	20		15	16	
Total..	3			547	142	2	1,501	916	12	1,280	1,144	5	846	871	5

No. 11.

## Number of Child, by Nationality, 1911.

35 to 40.			40 to 45.			45 to 50.			Over 50.			Not stated.			Total.			Grand total.
American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	
58	23	...	8	6	...	...	...	...	...	...	...	14	3	...	1,593	761	9	2,363
75	32	...	13	9	...	2	2	...	...	...	...	9	8	2	1,094	706	10	1,810
60	47	2	22	7	...	...	1	...	...	...	...	3	5	1	751	561	6	1,318
71	59	...	19	15	...	1	2	1	...	...	...	14	7	1	513	468	4	985
64	61	...	12	18	...	2	1	...	...	...	...	5	3	...	336	371	2	709
45	68	...	17	12	...	3	2	...	...	...	...	2	5	1	212	284	1	497
36	64	...	20	13	...	...	3	...	...	...	...	1	1	...	131	202	...	333
40	58	...	10	17	...	...	3	...	...	...	...	5	...	...	89	145	...	234
35	51	...	7	20	...	1	...	...	...	...	...	2	...	...	66	118	...	184
32	41	...	5	25	...	2	2	...	...	...	...	1	...	...	48	82	...	130
9	45	...	5	24	...	1	...	...	...	...	...	2	...	...	24	80	...	104
8	23	...	3	26	...	...	3	...	...	...	...	1	...	...	14	58	...	72
5	12	...	2	13	...	...	2	...	...	...	...	...	...	...	9	31	...	40
4	9	...	5	6	...	...	2	...	...	...	...	1	...	...	9	18	...	27
2	5	...	...	13	...	...	2	...	...	...	...	...	...	...	2	21	...	23
...	4	...	...	8	...	...	5	...	...	...	...	1	...	...	...	18	...	18
...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2	...	2
...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2	...	2
...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...	2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2
7	10	1	3	5	...	...	...	...	...	...	...	6	9	1	55	81	2	138
551	612	3	151	243	...	13	31	1	...	...	...	55	53	6	5,047	4,012	34	8,993

Table No. 12.—1911.

AGES OF GROOMS.	AGES OF BRIDES.														No. of grooms.
	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.	75 to 80.	Over 80. Not stated.	
Under 20. ....	*153	158	2	1											214
20 to 25. ....	†654	812	153	29	6										1,654
25 to 30. ....	183	443	287	76	22	3	1								1,016
30 to 35. ....	‡49	142	160	123	48	12	2								536
35 to 40. ....	¶19	42	91	74	62	22	5	2							319
40 to 45. ....	4	18	44	42	54	34	12	7	1						216
45 to 50. ....	5	11	17	18	32	27	17	5	2						134
50 to 55. ....	1	5	12	6	15	16	20	16	2	1					94
55 to 60. ....	1	2		5	6	11	12	7	13	7	2				66
60 to 65. ....	1	1	1	3	2	4	7	9	8	5	2				43
65 to 70. ....				1	4	2	1	6	6	2	2				24
70 to 75. ....			1			1	2	3	1	3	2				13
75 to 80. ....						3	1			3	1				8
Over 80. ....					1		1								2
Not stated. ....														1	1
No. of brides. ....	1,070	1,534	768	378	252	132	83	56	33	18	12	1	1	2	4,340

\* Two brides fifteen years of age.

† One groom fifteen years of age.

‡ Three brides fourteen; six fifteen.

§ One bride fifteen years of age.

¶ One bride fifteen years of age.

|| One bride fifteen years of age.

Table No. 13.  
Still Births, by Sex, Parentage, and Months, by Counties, 1911.

COUNTIES.	SEX.		PARENTAGE.					MONTHS.														
	Male.	Female.	Not stated.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not stated.
Ro-Kingham.	27	17	24	11	3	4	2	44	4	8	1	4	4	4	2	2	1	4	5	2	2	7
Stratford.	14	6	9	5	5	2	1	22	2	2	2	2	2	2	2	4	2	2	1	1	1	1
Bolton.	18	10	14	6	4	1	5	39	3	2	2	2	3	2	2	7	1	4	4	2	1	2
Carroll.	6	4	1	1	1	1	1	10	3	1	1	1	1	1	1	1	1	1	1	1	1	1
Merimack.	21	19	17	8	3	9	5	42	1	4	3	6	5	5	2	3	3	2	4	2	4	5
Hillsborough.	110	58	49	84	18	15	7	173	21	12	18	13	12	14	26	10	9	13	9	16	5	2
Cheshire.	11	14	11	2	4	2	1	25	2	2	4	1	3	4	3	2	2	1	2	1	1	1
Sullivan.	18	8	12	8	4	1	1	26	2	1	1	3	4	2	2	2	1	2	1	1	1	1
Grafton.	23	25	26	9	9	5	2	48	4	6	3	3	5	3	5	3	7	5	5	5	5	2
Coc.	19	16	11	13	0	2	...	35	...	3	6	...	3	0	0	3	3	2	2	2	2	3
Total	267	177	180	152	57	42	24	455	42	39	39	34	41	47	42	36	32	30	26	47	...	...

COUNTIES.

BIRTHS.



## DIVORCES.

Table No. 14.

Divorces Decreed by the Supreme Court of New Hampshire, in the year 1911, as returned by the Clerks of the Several Counties.

COUNTIES.	CAUSES OF DIVORCE.															LIBELLANTS.				
	Conviction of crime and imprisonment.	Abandonment.	Extreme cruelty and adultery.	Willful absence and extreme cruelty.	Adultery.	Desertion.	Extreme cruelty.	Extreme cruelty and treatment injurious to health.	Extreme cruelty and habitual drunkenness.	Willful absence and adultery.	Habitual drunkenness.	Impotency.	Willful absence and refusal to cohabit.	Treatment injurious to health.	Nullity.	Treatment injurious to health and to reason.	Willful absence three years.	Males.	Females.	Total of each county.
Rockingham.	18				7		25				4		1	7	1		4	13	52	65
Stratford.	14				14	1	9						1	2	1		1	21	22	43
Bolton.	1				10		11				4		15	4	1		1	20	31	51
Carroll.	1				9		9				4		3	2	1			10	27	37
Merrimack.	18				14		16			1	2			6	1		13	27	45	72
Hillsborough.	1				20		43	4	3		7			9	1		2	40	112	152
Cheshire.	12				2		7						7	2	1		5	7	24	31
Sullivan.	8				2		3	2										8	14	22
Grafton.	1				20	3	18	2			4		9	5			4	18	61	79
Cooks.	13				8		4				5			1	1		4	14	22	36
Total.	5	163	1	1	106	4	145	8	3	1	30		35	38	5	4	39	178	410	588

## CAUSES OF DEATH.

Table

## Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicaemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Atkinson.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Auburn.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Brentwood.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Candia.....	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Danville.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Deerfield.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Derry.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
East Kingston.....	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Epping.....	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Exeter.....	.	.	.	.	6	.	.	.	5	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
Fremont.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Greenland.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
Hampstead.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hampton.....	.	.	.	.	2	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Hampton Falls.....	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Kensington.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Kingston.....	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Londonberry.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Newcastle.....	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Newfields.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Newington.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Newmarket.....	.	.	.	.	1	2	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Newton.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
North Hampton.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Northwood.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Nottingham.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Plaistow.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Portsmouth.....	3	.	.	1	.	4	.	1	.	.	.	1	.	1	.	1	.	.	.	.	2	.	9	1	.	.	.	.	.
Raymond.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rye.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Salem.....	1	.	.	.	.	.	1	2	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sandown.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Seabrook.....	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
South Hampton.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Stratham.....	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Windham.....	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Total.....	8	.	.	2	0	.	8	2	13	.	.	3	.	1	3	.	.	.	.	.	2	47	4	.	.	.	.	.	.

### Counties, 1911.—International Classification.

[illegible]

Table

## Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Atkinson.....					1							1					
Auburn.....				1	1	5	1										
Brentwood.....						2											
Candia.....					1												
Chester.....					1							1					
Danville.....					1					1							
Deerfield.....		1			1		3										
Derry.....					2	1	6		1								
East Kingston.....					1		2										
Epping.....						5											
Exeter.....	3			1	4		4						2				
Fremont.....	1				1		1										
Greenland.....																	
Hampstead.....	1				1	1			1	1							
Hampton.....					3										1		
Hampton Falls.....																	
Kensington.....						2											
Kingston.....						1											
Londonderry.....																	
Newcastle.....						1											
Newfields.....						1											
Newington.....																	
Newmarket.....		1			1		2										
Newton.....					4												
North Hampton.....					1					1							
Northwood.....																	
Nottingham.....						1											
Plaistow.....						2											
Portsmouth.....	1				13	2	4			1			1		1		
Raymond.....						2											
Rye.....						2				1							
Salem.....	1					2				2							
Sandown.....																	
Seabrook.....	2						1										
South Hampton.....					3												
Stratham.....																	
Windham.....																	
Total.....	9		3	2	65	2	28		2	4		6			2		





Table

Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Atkinson.						1											1		
Auburn.																			
Brentwood.																			
Candia.					1														
Chester.					1														
Danville.					1														
Deerfield.					1														
Derry.						1				1							1		
East Kingston.																			
Epping.																			
Exeter.						2	1			1					1				
Fremont.																			
Greenland.																			
Hampstead.																			
Hampton.						1											1		
Hampton Falls.																	1		1
Kensington.									1					1					
Kingston.					1														
London derry.						1									1				
Newcastle.																			
Newfields.																	1		
Newington.																			
Newmarket.						5	2								1				
Newton.																			
North Hampton.																			
Northwood.																	1		
Nottingham.																			
Plaistow.					1														1
Portsmouth.	1	1	1	2	8	2	2	2	1			2				4			1
Raymond.						1													
Rye.						1													
Salem.		1					1												
Sandown.					1	1													
Seabrook.					1	1													
South Hampton.																			
Stratham.					1	1													
Windham.																			
	1	1	1	1	11	23	7	3	3	3		3	1	2	11			3	

## No. 15.—Continued.

### Counties, 1911.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.						VII. THE PUERPERAL STATE.					
119. Acute nephritis.											
120. Bright's disease.	3										
121. Other diseases of the kidneys.	3										
122. Calculi of the urinary tract.	2										
123. Diseases of the bladder.	1										
124. Diseases of the urethra.	1										
125. Diseases of the prostate.	1										
126. Non-venereal diseases of the male genital organs.	8										
127. Metritis.	1										
128. Uterine hemorrhage (non-puerperal).											
129. Uterine tumor.					1						
130. Other diseases of the uterus.											
131. Cysts and other tumors of the ovary.											
132. Other diseases of the female genital organs.											
133. Non-puerperal diseases of the breast.											
134. Accidents of pregnancy.											
135. Puerperal hemorrhage.											
136. Other accidents of labor.											
137. Puerperal septemia.											
138. Puerperal albuminuria and convulsions.											
139. Phlegmasia alba dolens (puerperal).											
140. Other puerperal accidents.											
141. Puerperal diseases of the breast.											
TOTALS.	8	67	2	1	1	1	1	2	3	1	

Table

## Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Atkinson.												
Auburn.												
Brentwood.	2											
Candia.	1								1			
Chester.												
Danville.	1											
Deerfield.												
Derry.									1	1		
East Kingston.												
Epping.												
Exeter.	1											
Fremont.												
Greenland.												
Hampstead.												
Hampton.												
Hampton Falls.										1		
Kensington.												
Kingston.												
Londonderry.										1		
Newcastle.												
Newfields.	1										1	
Newington.												
Newmarket.										5		
Newton.												
North Hampton.												
Northwood.										1	1	
Nottingham.											1	
Plaistow.												
Portsmouth.	2								3	10	1	
Raymond.										1		
Rye.												
Salem.												
Sandown.												
Seabrook.	1										2	
South Hampton.												
Stratham.												
Windham.												
Total.	9								6	27	4	



Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Barrington.....																						1							
Dover.....	2		1			2	2	1														22	1	2					
Durham.....	1																					1							
Farmington.....	1				1	1										1						3							
Lee.....																						1							
Madbury.....																						2							
Middleton.....																													
Milton.....																						1							
New Durham.....																						1		1					
Rochester.....							2		1			1				1						6							
Rollinsford.....						1	1															3	1						
Somersworth.....	2						1	1						1								6							
Strafford.....																1						1							
Total.....	6		1	1	4	6	2	1				1		1		3						48	2	3					

No. 15.—Continued.

## Counties, 1911.—International Classification.

## I. GENERAL DISEASES.—Continued.

30. Pot's disease.	31. Cold abscess, abscess by congestion.	32. White swelling.	33. Tuberculosis of other organs.	34. General tuberculosis.	35. Scrofula.	36. Syphilis.	37. Gonorrhea (5 years and over).	38. Gonorrhea (under 5 years).	39. Cancer and other malignant tumors of the buccal cavity.	40. Cancer of stomach and liver.	41. Cancer of intestines.	42. Cancer of genital organs.	43. Cancer of breast.	44. Cancer of skin.	45. Cancer of other or unspecified organs.	46. Tumors.	47. Acute articular rheumatism.	48. Chronic rheumatism and gout.	49. Scurvy.	50. Diabetes.	51. Exophthalmic goiter.	52. Addison's disease.	53. Leukemia.	54. Anemia, chlorosis.	55. Other general diseases.	56. Acute and chronic alcoholism.	57. Chronic lead poisoning.	59. Other chronic poisonings.
1										1																		1
										6	2	1		1	3	1	1	1		6				1				
														1														
										1										1						1		
																									1			
																									1			
																									1			
					1										1													
										3	2		1							1					2		1	
												1	1							3				1				
										1					1											1		
					1	1				12	4	2	2	1	5	1	2	1		11					4	2	4	



Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Barrington.....																		
Dover.....	3		1	14	1			1					1			2		
Durham.....								1										
Farmington.....			1	3														
Lee.....				3														
Madbury.....				1	1			1										
Middleton.....			1															
Milton.....				2														
New Durham.....								1										
Rochester.....				8					1			2				1		
Rollinsford.....				1									1					
Somersworth.....	3		1	6	1			1				1						
Strafford.....				2														
	6		3	140				5		1		5				3		

No. 15.—Continued.

## Counties, 1911.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.												IV. DISEASES OF THE RESPIRATORY SYSTEM.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
77. Pericarditis.		78. Acute endocarditis.		79. Organic diseases of the heart.		80. Angina pectoris.		81. Diseases of the arteries.		82. Embolism and thrombosis.		83. Diseases of the veins.		84. Diseases of the lymphatic system.		85. Hemorrhages.		86. Other diseases of the circulatory system.		87. Laryngitis.		88. Other diseases of the larynx.		89. Diseases of the thyroid body.		90. Acute bronchitis.		91. Chronic bronchitis.		92. Broncho-pneumonia.		93. Pneumonia.		94. Pleurisy.		95. Congestion and apoplexy of the lungs.		96. Gangrene of the lungs.		97. Asthma.		98. Pulmonary emphysema.		99. Other diseases of the respiratory system.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhœa and enteritis (under 2 years).	106. Diarrhœa and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Barrington.....																			
Dover.....			2	3	20	1		1	3						1		3		2
Durham.....					1	1													
Farmington.....						3		1									1		
Lee.....																			
Madbury.....																			
Middleton.....																			
Milton.....																			
New Durham.....						1													
Rochester.....	1			2	6	3						1					2		1
Rollinsford.....					2							1							
Somersworth.....		1		2	6	1		1				2					1		1
Strafford.....				1		1		1											
Total.....	1	1	2	9	39	6		4	3			4		1		7		4	

No. 15.—Continued.

## Counties, 1911.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.											VII. THE PUERPERAL STATE.											
119. Acute nephritis.	120. Bright's disease.	121. Other diseases of the kidneys.	122. Calculi of the urinary tract.	123. Diseases of the bladder.	124. Diseases of the urethra.	125. Diseases of the prostate.	126. Non-venereal diseases of the male genital organs.	127. Metritis.	128. Uterine hemorrhage (non-puerperal).	129. Uterine tumor.	130. Other diseases of the uterus.	131. Cysts and other tumors of the ovary.	132. Other diseases of the female genital organs.	133. Non-puerperal diseases of the breast.	134. Accidents of pregnancy.	135. Puerperal hemorrhage.	136. Other accidents of labor.	137. Puerperal septicemia.	138. Puerperal albuminuria and convul- sions.	139. Phlegmasia alba dolens (puerperal).	140. Other puerperal accidents.	141. Puerperal diseases of the breast.
4	15																					
	1														1							
	8																					
	1																					
	1																					
	4																					
	2																					
	10	1													1							
1	3																					
	3															1						
	1																		1			
5	49	1												1	1	1		1				

Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Barrington.....												
Dover.....	1		1	1						5	2	
Durham.....										1		
Farmington.....	1									3	2	
Lee.....												
Madbury.....												
Middleton.....												
Milton.....										4		
New Durham.....												
Rochester.....	2				1				1	5		
Rollinsford.....									4	2		
Somersworth.....									1	11		
Strafford.....											1	
Total.....	4		1	1	1				6	31	5	

## No. 15.—Continued.

## Counties, 1911.—International Classification.

XII. OLD AGE.		XIII. EXTERNAL CAUSES.													XIV. ILL-DEFINED DISEASES.																	
154. Senile debility.		155. Suicide by poison.	156. Suicide by asphyxia.	157. Suicide by hanging or strangulation.		158. Suicide by drowning.	159. Suicide by firearms.	160. Suicide by cutting instruments.	161. Suicide by jumping from high places.		162. Suicide by crushing.	163. Other suicides.	164. Fractures.	165. Dislocations.	166. Other accidental traumatisms.		167. Burns and scalds.	168. Burns from corrosive substances.		169. Sunstroke.	170. Freezing.	171. Electric shock.	172. Accidental drowning.	173. Inanition (starvation).	174. Absorption of deleterious gases (non-suicidal).		175. Other acute poisonings.	176. Other external violence.	177. Dropsy.	178. Sudden death.	179. Causes of death unspecified or ill-defined.	
18	1						1								11	2	3			1	1				2					1		
			1												1																	
				1																												
1															1		1															
1																																
1															1		1															
1																																
1																																
4															1	1	2			1							1				1	
																	1	1														
4																		1	1	2							2					
31	1	1	1	1	1									15	5	8	1	4	1	1	1	1	5			2						



Table

Causes of Death arranged by Towns and

[illegible]

## No. 15.—Continued.

### Counties, 1911.—International Classification.

## I. GENERAL DISEASES.—Continued.

[illegible]

Table

## Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Alton.....					1		3											
Barnstead.....					2													
Belmont.....					3		1											
Center Harbor.....																		
Gilford.....				1														
Gilmanton.....	1						1									1		
Iaconia.....	1			1	8	1	12		1	1	1	3	1			2		
Meredith.....					3		2											
New Hampton.....					3		1						1					
Sanbornton.....																		
Tilton.....	1				2		1									1		
Total.....	3				123	1	21		1	1	1	4	1			4		

No. 15.—Continued.

Counties, 1911.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.												IV. DISEASES OF THE RESPIRATORY SYSTEM.													
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.				80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.
.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	3	.....	1	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....
.....	.....	9	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	10	.....	2	.....	.....	.....	.....	.....
.....	.....	4	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
.....	.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
.....	.....	3	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....
.....	.....	28	4	6	2	.....	.....	.....	.....	.....	1	3	.....	.....	.....	1	6	3	26	.....	3	.....	.....	.....	.....

Table

Causes of Death arranged by Towns and

	V. DISEASES OF THE DIGESTIVE SYSTEM.					
TOWNS IN BELKNAP COUNTY.	100. Diseases of the mouth.					
	101. Diseases of the pharynx.					
	102. Diseases of the esophagus.					
	103. Ulcer of the stomach.					
	104. Other diseases of the stomach.					
	105. Diarrhoea and enteritis (under 2 years).					
	106. Diarrhoea and enteritis (2 years and over).					
	107. Intestinal parasites.					
	108. Hernia and intestinal obstructions.					
	109. Other diseases of the intestines.					
	110. Acute yellow atrophy of the liver.					
	111. Hydatid tumors of the liver.					
	112. Cirrhosis of the liver.					
	113. Biliary calculi.					
	114. Other diseases of the liver.					
	115. Diseases of the spleen.					
	116. Simple peritonitis.					
	117. Other diseases of the digestive system.					
	118. Appendicitis.					
Alton.....				1		
Barnstead.....			1			
Belmont.....						
Center Harbor.....						
Gilford.....	2					
Gilmanton.....						
Laconia.....	4	6	1			3
Meredith.....	3					1
New Hampton.....						
Sanbornton.....				1		
Tilton.....						
Total.....	9	6	2	2		4

## No. 15.—Continued.

## Counties, 1911.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.											VII. THE PUERPERAL STATE.										
119. Acute nephritis.																					
120. Bright's disease.	2																				
121. Other diseases of the kidneys.																					
122. Calculi of the urinary tract.			1																		
123. Diseases of the bladder.																					
124. Diseases of the urethra.																					
125. Diseases of the prostate.				1																	
126. Non-venereal diseases of the male genital organs.																					
127. Metritis.																					
128. Uterine hemorrhage (non-puerperal).																					
129. Uterine tumor.																					
130. Other diseases of the uterus.																					
131. Cysts and other tumors of the ovary.																					
132. Other diseases of the female genital organs.																					
133. Non-puerperal diseases of the breast.																					
134. Accidents of pregnancy.																					
135. Puerperal hemorrhage.																					
136. Other accidents of labor.																					
137. Puerperal septicemia.																					
138. Puerperal albuminuria and convulsions.																					
139. Phlegmasia alba dolens (puerperal).																					
140. Other puerperal accidents.																					
141. Puerperal diseases of the breast.																					
	25		1		2										1						



Table

## Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Alton.....											1	
Barnstead.....	1											
Belmont.....									1			
Center Harbor.....												
Gilford.....												
Gilmanton.....												
Laconia.....				1					1		2	
Meredith.....												
New Hampton.....												
Sanbornton.....												
Tilton.....												
Total.....	1			1					2		9	

No. 15.—Continued.

Counties, 1911.—International Classification.

XII. OLD AGE.		XIII. EXTERNAL CAUSES.																XIV. ILL-DEFINED DISEASES.										
154. Senile debility.		155. Suicide by poison.	156. Suicide by asphyxia.	157. Suicide by hanging or strangulation.		158. Suicide by drowning.	159. Suicide by firearms.	160. Suicide by cutting instruments.	161. Suicide by jumping from high places.	162. Suicide by crushing.	163. Other suicides.	164. Fractures.	165. Dislocations.	166. Other accidental traumas.	167. Burns and scalds.	168. Burns from corrosive substances.	169. Sunstroke.	170. Freezing.	171. Electric shock.	172. Accidental drowning.	173. Inanition (starvation).	174. Absorption of deleterious gases (non-suicidal).	175. Other acute poisonings.	176. Other external violence.	177. Dropsy.	178. Sudden death.	179. Causes of death unspecified or ill-defined.	
4															1													
3																											1	
2														1														
1			1																									
3			1		2	1								4	2		1								1		1	
1				1																								
1					1															1								
1																												
6																				1								
22			2	1	3	1								5	3	1	1		2					1		2		

Table

Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Albany.....																													
Bartlett.....																						1							
Brookfield.....																													
Chatham.....																													
Conway.....	1								1							2													
Eaton.....																													
Effingham.....																													
Freedom.....																													
Hart's Location.....																													
Jackson.....																													
Madison.....																													
Moultonborough.....																						1		1					
Ossipee.....	1								1		1					2						2							
Sandwich.....									1																				
Tamworth.....																						1							
Tuftonboro.....																													
Wakefield.....						1										1						4							
Wolfeboro.....																						1							
Total.....	2						1		3		1					5						10		1					

## No. 15.—Continued.

## Counties, 1911.—International Classification.

## I. GENERAL DISEASES.—Continued.

30. Pott's disease.	31. Cold abscess, abscess by congestion.	32. White swelling.	33. Tuberculosis of other organs.	34. General tuberculosis.	35. Scrofula.	36. Syphilis.	37. Gonorrhea (5 years and over).	38. Gonorrhea (under 5 years).	39. Cancer and other malignant tumors of the buccal cavity.	40. Cancer of stomach and liver.	41. Cancer of intestines.	42. Cancer of genital organs.	43. Cancer of breast.	44. Cancer of skin.	45. Cancer of other or unspecified organs.	46. Tumors.	47. Acute articular rheumatism.	48. Chronic rheumatism and gout.	49. Scurvy.	50. Diabetes.	51. Exophthalmic goiter.	52. Addison's disease.	53. Leukemia.	54. Anemia, chlorosis.	55. Other general diseases.	56. Acute and chronic alcoholism.	57. Chronic lead poisoning.	59. Other chronic poisonings.
											1																	
										2	2	1								1					1			
																								2				
										2											1							
											1																	
	1											1																
1						1				1						1		1										
											1															1		
										1	1					1												
											1	1			1		1			1								
1		1				1				7	5	3	1		3		1	1		3	1				3	1		

Table

## Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Albany.....																		
Bartlett.....																		
Brookfield.....					1	2												
Chatham.....																		
Conway.....						2										2		
Eaton.....																		
Effingham.....						1		1										
Freedom.....				1				1								2		
Hart's Location.....																		
Jackson.....																		
Madison.....																		
Moultonborough.....						1												
Ossipee.....		1		1	1	3		1		1				1				
Sandwich.....						1												
Tamworth.....						1												
Tuftonborough.....						1												
Wakefield.....						2										1		
Wolfeboro.....						2		1	1		1							
Total.....	1			2	2	16		4	1	1	1			1		5		

No. 15.—Continued.

Counties, 1911.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.													
77. Pericarditis.																							
78. Acute endocarditis.	2																						
79. Organic diseases of the heart.		7																					
80. Angina pectoris.																							
81. Diseases of the arteries.																							
82. Embolism and thrombosis.														1									
83. Diseases of the veins.																							
84. Diseases of the lymphatic system.																							
85. Hemorrhages.																							
86. Other diseases of the circulatory system.																							
87. Laryngitis.																							
88. Other diseases of the larynx.																							
89. Diseases of the thyroid body.																							
90. Acute bronchitis.																							
91. Chronic bronchitis.													1										
92. Broncho-pneumonia.														1									
93. Pneumonia.																							
94. Pleurisy.																							
95. Congestion and apoplexy of the lungs.																							
96. Gangrene of the lungs.																							
97. Asthma.																							
98. Pulmonary emphysema.																							
99. Other diseases of the respiratory system.																							
									</														



Table

## Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Albany.....																			
Bartlett.....						1		1											
Brookfield.....								1											
Chatham.....																			
Conway.....					2			3						1			2		
Eaton.....			1			1													
Effingham.....															1				
Freedom.....																			
Hart's Location.....																			
Jackson.....																			
Madison.....																	1		
Moultonborough.....																			
Ossipee.....						2													
Sandwich.....																			
Tamworth.....							1			1								1	
Tuftonborough.....																			
Wakefield.....					1		1				1								
Wolfeboro.....					1				1				1						1
Total.....	1	4	3	3	6	3	3	6	1	1	1	1	1	1	1	3	1	1	1

## No. 15.—Continued.

## Counties, 1911.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.										VII. THE PUERPERAL STATE.									
119. Acute nephritis.																			
120. Bright's disease.																			
121. Other diseases of the kidneys.																			
122. Calculi of the urinary tract.																			
123. Diseases of the bladder.																			
124. Diseases of the urethra.																			
125. Diseases of the prostate.																			
126. Non-venereal diseases of the male genital organs.																			
127. Metritis.																			
128. Uterine hemorrhage (non-puerperal).																			
129. Uterine tumor.																			
130. Other diseases of the uterus.																			
131. Cysts and other tumors of the ovary.																			
132. Other diseases of the female genital organs.																			
133. Non-puerperal diseases of the breast.																			
134. Accidents of pregnancy.																			
135. Puerperal hemorrhage.																			
136. Other accidents of labor.																			
137. Puerperal septemia.																			
138. Puerperal albuminuria and convulsions.																			
139. Phlegmasia alba dolens (puerperal).																			
140. Other puerperal accidents.																			
141. Puerperal diseases of the breast.																			
	1																		
		1																	
			3				1												
			2																
		3																	
							1												
		2																	
		1																	
		2																	
		2																	
																1			
		2				1													
1	18			2		1										1			

Table

## Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and scelerema.	152. Other diseases peculiar to early infancy.
Albany . . . . .									1	1		
Bartlett . . . . .									1			
Brookfield . . . . .												
Chatham . . . . .												
Conway . . . . .									1	2		
Eaton . . . . .												
Effingham . . . . .												
Freedom . . . . .				2								
Hart's Location . . . . .												
Jackson . . . . .												
Madison . . . . .												
Moultonborough . . . . .												
Ossipee . . . . .									1			
Sandwich . . . . .												
Tamworth . . . . .												
Tuftonborough . . . . .												
Wakefield . . . . .										5		
Wolfeboro . . . . .												
Total . . . . .				2					4	8		

## No. 15.—Continued.

## Counties, 1911.—International Classification.

XII. OLD AGE.		XIII. EXTERNAL CAUSES.												XIV. ILL-DEFINED DISEASES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
154. Senile debility.		155. Suicide by poison.		156. Suicide by asphyxia.		157. Suicide by hanging or strangulation.		158. Suicide by drowning.		159. Suicide by firearms.		160. Suicide by cutting instruments.		161. Suicide by jumping from high places.		162. Suicide by crushing.		163. Other suicides.		164. Fractures.		165. Dislocations.		166. Other accidental traumatisms.		167. Burns and scalds.		168. Burns from corrosive substances.		169. Sunstroke.		170. Freezing.		171. Electric shock.		172. Accidental drowning.		173. Inanition (starvation).		174. Absorption of deleterious gases (non-suicide).		175. Other acute poisonings.		176. Other external violence.		177. Dropsy.		178. Sudden death.		179. Causes of death unspecified or ill-defined.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Table

## Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Military fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Allentown.																						3							
Andover.																						3							
Boscawen.	1							1														1							
Bow.																													
Bradford.									1																				
Canterbury.									1																				
Chichester.																													
Concord.	3				1		2		1					1		7						30							
Danbury.																						1							
Dunbarton.													1																
Epsom.													1																
Franklin.	1						1		1																				
Henniker.																2													
Hill.																							1						
Hooksett.																							2						
Hopkinton.																							1						
London.									1														1						
Newbury.																													
New London.																					1								
Northfield.																							2						
Pembroke.	1				2		5		1													21							
Pittsfield.									1					1								1							
Salisbury.																	1												
Sutton.									3								1												
Warner.									1																				
Webster.																						1							
Wilmot.																						1							
Total.	6				2	1	5	4	12			2		2		11					1	73	1	3					





Table

## Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.														
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.
Alstead.....															
Chesterfield.....															
Dublin.....															
Fitzwilliam.....	1				2										
Gilsum.....					4										
Harrisville.....															
Hinsdale.....				1	1										
Jaffrey.....															
Keene.....	4			1	18		7						1		1
Marlborough.....					2										
Marlow.....															
Nelson.....															
Richmond.....					2										
Rindge.....					1										
Roxbury.....															
Stoddard.....															
Sullivan.....							1								
Surry.....															
Swanzy.....					1										
Troy.....					1										
Walpole.....	2				3		1						1		
Westmoreland.....	1				4				1						
Winchester.....					5		1								
Total.....	8			2	44		10		1			2			1

No. 15.—Continued.

## Counties, 1911.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.												
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.	80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.
		1		1									1	1		3						
		1	2			1										2		1				
		1													1		1					
		1		1	1																	
		1		1									3			3			1			
		16	2	4	3									1	1	3						
		2													1	1			4			
		3											1	1			1					
		1																				
				1																		
					2																	
		1																				
	3	1			1									1	1							
		1																				
...	3	33	4	10	6								7	4	3	46	1	9				

Table

## Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Alstead.....					1	1													
Chesterfield.....																			
Dublin.....																			
Fitzwilliam.....																			
Gilsum.....					1	1											1		
Harrisville.....																			
Hinsdale.....																			
Jaffrey.....																			
Keene.....		1	1			3			1	1			1		1		2		2
Marlborough.....		1				3													
Marlow.....																			
Nelson.....																			
Richmond.....																			
Rindge.....																			
Roxbury.....																			
Stoddard.....																			
Sullivan.....																			
Surry.....																			
Swanzey.....																			
Troy.....	1				1	1													
Walpole.....						1									1				
Westmoreland.....					2									1					
Winchester.....					2														
Total.....	1	2	1		7	10			1	1			2		2		3		2

## No. 15.—Continued.

## Counties, 1911.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.											VII. THE PUERPERAL STATE.											
119. Acute nephritis.																						
120. Bright's disease.	1																					
121. Other diseases of the kidneys.		1																				
122. Calculi of the urinary tract.			1																			
123. Diseases of the bladder.			2																			
124. Diseases of the urethra.				1																		
125. Diseases of the prostate.																						
126. Non-venereal diseases of the male genital organs.																						
127. Metritis.																						
128. Uterine hemorrhage (non-puerperal).																						
129. Uterine tumor.																						
130. Other diseases of the uterus.										1												
131. Cysts and other tumors of the ovary.																						
132. Other diseases of the female genital organs.																						
133. Non-puerperal diseases of the breast.																						
134. Accidents of pregnancy.																						
135. Puerperal hemorrhage.															1							
136. Other accidents of labor.																						
137. Puerperal septicemia.																1						
138. Puerperal albuminuria and convul- sions.																	1					
139. Phlegmasia alba dolens (puerperal).																						
140. Other puerperal accidents.																						
141. Puerperal diseases of the breast.																						

### Table

### Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.			
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Alstead												1	
Chesterfield											1		
Dublin													
Fitzwilliam													
Gilsum													
Harrisville											1		
Hinsdale											1		
Jaffrey													
Keene									4				
Marlborough										10	1		
Marlow										2	1		
Nelson													
Richmond													
Rindge													
Roxbury											1		
Stoddard													
Sullivan													
Surry													
Swanzey													
Troy											2		
Walpole											1		
Westmoreland											3	1	
Winchester											4		
Total									4	26	5		





Table

Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Acworth.....						1																							
Charlestown.....								1	1																				
Claremont.....	2		1						1													8	1						
Cornish.....																													
Croydon.....																						1							
Goshen.....																													
Grantham.....																													
Langdon.....																						1							
Lempster.....																													
Newport.....	1		1													1						7							
Plainfield.....									1													2							
Springfield.....																						1							
Sunapee.....																													
Unity.....																													
Washington.....																													
Total.....	3		2		1			2	2							1						20	1						

No. 15.—Continued.

Counties, 1911.—International Classification.

## I. GENERAL DISEASES.—Continued.

30. Pott's disease.																														
31. Cold abscess, abscess by congestion.																														
32. White swelling.																														
33. Tuberculosis of other organs.																														
34. General tuberculosis.																														
35. Scrofula.																														
36. Syphilis.																														
37. Gonorrhea (5 years and over).																														
38. Gonorrhea (under 5 years).																														
39. Cancer and other malignant tumors of the buccal cavity.									1																					
40. Cancer of stomach and liver.																														
41. Cancer of intestines.																														
42. Cancer of genital organs.												1	2																	
43. Cancer of breast.															1															
44. Cancer of skin.																														
45. Cancer of other or unspecified organs.																														
46. Tumors.																														
47. Acute articular rheumatism.																														
48. Chronic rheumatism and gout.																		1												
49. Scurvy.																														
50. Diabetes.																														
51. Exophthalmic goiter.																														
52. Addison's disease.																														
53. Leukemia.																														
54. Anemia, chlorosis.																														
55. Other general diseases.																														
56. Acute and chronic alcoholism.																														
57. Chronic lead poisoning.																														
59. Other chronic poisonings.																														

Table

## Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Acworth.....						1												
Charlestown.....					1	1												
Claremont.....		4				13							1			2		
Cornish.....						2		1										
Croydon.....						2												
Goshen.....								2										
Grantham.....						1												
Langdon.....																		
Lempster.....						1												
Newport.....		1				5		1					2				1	
Plainfield.....					1	3		5										
Springfield.....		1			1		1											
Sunapee.....						3	2											
Unity.....						1												
Washington.....						1												
Total.....	6		1	2	34	3	9						3			3		

No. 15.—Continued.

Counties, 1911.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.												
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.	80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.
				1									1		3							
		1		1										1	4							
	1	10	1	3										4	6							
		2												1	2							
		2																1				
		1													1							
		1																				
				1											1							
																2						
				1									3	1		1						
	1	2			2	3								1		2						
		1		1																		
		1														2						
		3													1			1				
2	30	1	9	3									4	2	6	25		2				

Table

Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Acworth.....																			
Charlestown.....					1	2													
Claremont.....					1	4								1			1		
Cornish.....																	1		
Croydon.....																			
Goshen.....							1												
Grantham.....																			
Langdon.....																			
Lempster.....																			
Newport.....					1	1													1
Plainfield.....																			
Springfield.....																			
Sunapee.....													1						
Unity.....																			
Washington.....																			
Total.....					3	7	1						1	1			2		1

## No. 15.—Continued.

## Counties, 1911.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.														VII. THE PUERPERAL STATE.									
119. Acute nephritis.	120. Bright's disease.	121. Other diseases of the kidneys.	122. Calculi of the urinary tract.	123. Diseases of the bladder.	124. Diseases of the urethra.	125. Diseases of the prostate.	126. Non-venereal diseases of the male genital organs.	127. Metritis.	128. Uterine hemorrhage (non-puerperal).	129. Uterine tumor.	130. Other diseases of the uterus.	131. Cysts and other tumors of the ovary.	132. Other diseases of the female genital organs.	133. Non-puerperal diseases of the breast.	134. Accidents of pregnancy.	135. Puerperal hemorrhage.	136. Other accidents of labor.	137. Puerperal septicemia.	138. Puerperal albuminuria and convulsions.	139. Phlegmasia alba dolens (puerperal).	140. Other puerperal accidents.	141. Puerperal diseases of the breast.	
1														1									
	8																						
	11			2	1																		
	1																						
	1																						
	1																						
	1																						
	6	1					1									1							
				1																			
	2																						
1	31	1		3	1	1								1	1								



Table

## Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.	150. Congenital malformations.	151. Congenital debility, icterus and scelerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Acworth.....												
Charlestown.....												
Claremont.....	1									8		
Cornish.....												
Croydon.....												
Goshen.....												
Grantham.....										1		
Langdon.....												
Lempster.....										2		
Newport.....	3								2			
Plainfield.....	1											
Springfield.....												
Sunapee.....				1								
Unity.....										1		
Washington.....										1		
Total.....	5			1					2	13		

No. 15.—Continued.

Counties, 1911.—International Classification.

XII. Old Age.		XIII. EXTERNAL CAUSES.													XIV. ILL-DEFINED DISEASES.												
		154. Senile debility.	155. Suicide by poison.	156. Suicide by asphyxia.	157. Suicide by hanging or strangulation.	158. Suicide by drowning.	159. Suicide by firearms.	160. Suicide by cutting instruments.	161. Suicide by jumping from high places.	162. Suicide by crushing.	163. Other suicides.	164. Fractures.	165. Dislocations.	166. Other accidental traumatisms.	167. Burns and scalds.	168. Burns from corrosive substances.	169. Sunstroke.	170. Freezing.	171. Electric shock.	172. Accidental drowning.	173. Inanition (starvation).	174. Absorption of deleterious gases (non-suicide).	175. Other acute poisonings.	176. Other external violence.	177. Dropsy.	178. Sudden death.	179. Causes of death unspecified or ill-defined.
1														4						1							
7																					1						1
1														1						1							
																			1								1
														1													
1																											
3							1							1			1										1
3																								1	1		
																				1					1		
														1										1			
2																								1			1
																											1
18						1								8		1		4		1	2		2				5

Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Alexandria. . . . .																					1				1				
Ashland. . . . .	1																				2								
Bath. . . . .																						3							
Benton. . . . .																					2								
Bethlehem. . . . .							1															2							
Bridgewater. . . . .																													
Bristol. . . . .									2																				
Campton. . . . .																					1								
Canaan. . . . .																					1								
Dorchester. . . . .																					1								
Easton. . . . .																													
Ellsworth. . . . .																													
Enfield. . . . .									1			1									2								
Franconia. . . . .																													
Grafton. . . . .																													
Groton. . . . .																													
Hanover. . . . .	1					1			1							4					1								
Haverhill. . . . .	1								1												9								
Hebron. . . . .																													
Holderness. . . . .																	1												
Landaff. . . . .																						1							
Lebanon. . . . .						1	1		2		1	1										4							
Lincoln. . . . .																													
Lisbon. . . . .				1					1													2							
Littleton. . . . .	1						3		1													2							
Livermore. . . . .							1																						
Lyman. . . . .																													
Lyme. . . . .																						4							
Monroe. . . . .																													
Orange. . . . .																													
Orford. . . . .									2													1							
Piermont. . . . .																1													
Plymouth. . . . .																							1						
Rumney. . . . .																													
Thornton. . . . .																													
Warren. . . . .																													
Waterville. . . . .																													
Wentworth. . . . .						1																							
Woodstock. . . . .							2															1							
Total. . . . .	4		1		3	8	11		1	2					6						37	1	1						



Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.													
	60. Encephalitis. 61. Simple meningitis. 61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia. 63. Other diseases of the spinal cord. 64. Apoplexy. 65. Softening of the brain. 66. Paralysis without specified cause.	67. General paralysis. 68. Other forms of mental alienation. 69. Epilepsy. 70. Convulsions (non-puerperal; 5 years and over). 71. Convulsions (under 5 years). 72. Tetanus. 73. Chorea.	74. Other diseases of the nervous system. 75. Diseases of the eye. 76. Diseases of the ear.										
Alexandria.....		2												
Ashland.....		1												
Bath.....		1	1											
Benton.....														
Bethlehem.....		3											1	
Bridgewater.....														
Bristol.....		1	2									1	4	
Campton.....		2	1											
Canaan.....			2											
Dorchester.....		1												
Easton.....														
Ellsworth.....														
Enfield.....		1	4	1	1								1	
Franconia.....			2											
Grafton.....		1												
Groton.....														
Hanover.....			5										1	
Haverhill.....			3	2								1		
Hebron.....														
Holderness.....														
Landaff.....														
Lebanon.....	1	1	6	2	1									
Lincoln.....														
Lisbon.....	1	1	4											
Littleton.....	2		4	2										1
Livermore.....														
Lyman.....														
Lyme.....		1												
Monroe.....														
Orange.....			1											
Orford.....			4											
Piermont.....														
Plymouth.....	1			1										
Rumney.....	1		1											
Thornton.....			1											
Warren.....			2	1								1		
Waterville.....														
Wentworth.....	1			1										
Woodstock.....	1	1												
Total.....	8	3	2	50	2	15	1			1	2		7	1





Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Alexandria.						1	1												
Ashland.																			
Bath.												1							
Benton.																			
Bethlehem.																			
Bridgewater.						1													
Bristol.				2															
Campton.																			
Canaan.					5														
Dorchester.																			1
Easton.							1												
Ellsworth.																			
Enfield.				1		3	1										1		
Franconia.																			
Grafton.													1						
Groton.																			
Hanover.									2										
Haverhill.										1									
Hebron.				3									1						
Holderness.																	1		
Landaff.																			
Lebanon.					1	1	1			1				2	1				
Lincoln.						2													
Lisbon.					1	3							1		1				
Littleton.				3		2			1				1				2		
Livermore.																			
Lyman.						1			1										
Lyme.																			1
Monroe.																			
Orange.					2														
Orford.				1															
Piermont.																			
Plymouth.					1	1				1							1		
Rumney.													1						
Thornton.																			
Warren.									1										
Waterville.																			
Wentworth.																			
Woodstock.																			
Total.				22	15	4		5	3			8	1	2		6		3	

## No. 15.—Continued.

## Counties, 1911.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.												VII. THE PUERPERAL STATE.											
119. Acute nephritis.	120. Bright's disease.	121. Other diseases of the kidneys.	122. Calculi of the urinary tract.	123. Diseases of the bladder.	124. Diseases of the urethra.	125. Diseases of the prostate.	126. Non-venereal diseases of the male genital organs.	127. Metritis.	128. Uterine hemorrhage* (non-puerperal).	129. Uterine tumor.	130. Other diseases of the uterus.	131. Cysts and other tumors of the ovary.	132. Other diseases of the female genital organs.	133. Non-puerperal diseases of the breast.	134. Accidents of pregnancy.	135. Puerperal hemorrhage.	136. Other accidents of labor.	137. Puerperal septicemia.	138. Puerperal albuminuria and convulsions.	139. Phlegmasia alba dolens (puerperal).	140. Other puerperal accidents.	141. Puerperal diseases of the breast.	
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	1																						
	2																						
	1																						
	1								1														
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Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.	150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Alexandria.....										1		
Ashland.....										1		
Bath.....										1		
Benton.....												
Bethlehem.....												
Bridgewater.....												
Bristol.....												
Campton.....	1											
Canaan.....												
Dorchester.....												
Easton.....												
Ellsworth.....										1		
Enfield.....									1			
Franconia.....										1		
Grafton.....												
Groton.....	1											
Hanover.....										1	1	
Haverhill.....	1		2						1	2		
Hebron.....												
Holderness.....										1		
Landaff.....												
Lebanon.....	1				1					4		
Lincoln.....										1		
Lisbon.....									2			
Littleton.....	1									5		
Livermore.....												
Lyman.....												
Lyme.....												
Monroe.....												
Orange.....												
Orford.....							1					
Piermont.....												
Plymouth.....										1		
Rumney.....	1											
Thornton.....												
Warren.....												
Waterville.....												
Wentworth.....												
Woodstock.....												
Total.....	6		2		1		1		4	20	2	

## No. 15.—Continued.

### Counties, 1911.—International Classification.

[illegible]

Table

Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septiceimia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Berlin.....	5			1		3	9	2					1									7							
Carroll.....																													
Clarksville.....																													
Colebrook.....									1																				
Columbia.....																													
Dalton.....								1																					
Dummer.....	1																												
Errol.....																						1							
Gorham.....																													
Jefferson.....																1						4							
Lancaster.....																						2							
Milan.....							1																						
Millsfield.....																													
Northumberland.....				1					1													1							
Pittsburg.....									1			1																	
Randolph.....																													
Shelburne.....																													
Stark.....																													
Stewartstown.....						1																2							
Stratford.....							1															1							
Whitefield.....																1						2		1					
Total.....	6			2		4	11	3	3			2				2					20		1						





Table

## Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.															
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia. 63. Other diseases of the spinal cord.	64. Apoplexy. 65. Softening of the brain.	66. Paralysis without specified cause. 67. General paralysis. 68. Other forms of mental alienation.	69. Epilepsy. 70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years). 72. Tetanus. 73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.						
Berlin.....	6			8	2		3	1								
Carroll.....																
Clarksville.....																
Colebrook.....				1	1											
Columbia.....				1												
Dalton.....																
Dummer.....																
Errol.....																
Gorham.....				1	2											
Jefferson.....	2															
Lancaster.....	1 1			5			1		2							
Milan.....					1											
Millsfield.....																
Northumberland.....				3	1 1		1									
Pittsburg.....																
Randolph.....																
Shelburne.....																
Stark.....																
Stewartstown.....	1			2	1											
Stratford.....	2															
Whitefield.....																
Total.....	1 12			21	8 1		5 1		3							

No. 15.—Continued.

Counties, 1911.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.											IV. DISEASES OF THE RESPIRATORY SYSTEM.											
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.	80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.
1	7	1	1							1	2		1	1	15	12					1	1
1														1		1		1				
															1							
		2													2	2						
		1												1				1				
										1												
		1														1						
		3			1											1	2	1				
		4			2											2	1					
		13			1										1	1	6					
		1															1					
		6			4								1			3						
		2											1									
		2																				
		1																				
	1	5														2		1				
		1														1		1				
		3											1		1							
3	53	1	8							2	2		4	4	21	34	1	4		1		1

TOWNS IN COÖS COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Berlin.....			1	1	38	3		2			1	1		2		1			1
Carroll.....																			
Clarksville.....																			
Colebrook.....					1	1		1				3				1			
Columbia.....							1												
Dalton.....																			
Dummer.....																			
Errol.....																			
Gorham.....					2	1													
Jefferson.....						1											1		
Lancaster.....																			
Milan.....						1						1							
Millsfield.....																			
Northumberland.....					1														
Pittsburg.....																			1
Randolph.....																			
Shelburne.....																			
Stark.....					1														
Stewartstown.....									1										
Stratford.....									2										
Whitefield.....						1			2										
Total.....			1	3	44	6		8			1	5		2		3			2

## No. 15.—Continued.

## Counties, 1911.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.											VII. THE PUERPERAL STATE.										
119. Acute nephritis.																					
120. Bright's disease.																					
121. Other diseases of the kidneys.																					
122. Calculi of the urinary tract.																					
123. Diseases of the bladder.																					
124. Diseases of the urethra.																					
125. Diseases of the prostate.																					
126. Non-venereal diseases of the male genital organs.																					
127. Metritis.																					
128. Uterine hemorrhage (non-puerperal).																					
129. Uterine tumor.																					
130. Other diseases of the uterus.																					
131. Cysts and other tumors of the ovary.																					
132. Other diseases of the female genital organs.																					
133. Non-puerperal diseases of the breast.																					
134. Accidents of pregnancy.																					
135. Puerperal hemorrhage.																					
136. Other accidents of labor.																					
137. Puerperal septicemia.																					
138. Puerperal albuminuria and convulsions.																					
139. Phlegmasia alba dolens (puerperal).																					
140. Other puerperal accidents.																					
141. Puerperal diseases of the breast.																					
1	2																	1			
	2																				
	2																				
	4																				
1													1								
1						1															
	1																				
	5			1														1			

Table

## Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Berlin. . . . .									2	16	1	
Carroll. . . . .										1		
Clarksville. . . . .										1		
Colebrook. . . . .										1		
Columbia. . . . .												
Dalton. . . . .									1			
Dummer. . . . .												
Errol. . . . .												
Gorham. . . . .										4		
Jefferson. . . . .									1			
Lancaster. . . . .	1									2		
Milan. . . . .												
Millsfield. . . . .												
Northumberland. . . . .									1	2		
Pittsburg. . . . .												
Randolph. . . . .												
Shelburne. . . . .												
Stark. . . . .										1		
Stewartstown. . . . .												
Stratford. . . . .										1		
Whitefield. . . . .										1		
Total. . . . .	1								5	30	1	

No. 15.—Continued.

Counties, 1911.—International Classification.

XII. OLD AGE.		XIII. EXTERNAL CAUSES.																	XIV. ILL-DEFINED DISEASES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
154. Senile debility.		155. Suicide by poison.		156. Suicide by asphyxia.		157. Suicide by hanging or strangulation.		158. Suicide by drowning.		159. Suicide by firearms.		160. Suicide by cutting instruments.		161. Suicide by jumping from high places.		162. Suicide by crushing.		163. Other suicides.		164. Fractures.		165. Dislocations.		166. Other accidental traumatism.		167. Burns and scalds.		168. Burns from corrosive substances.		169. Sunstroke.		170. Freezing.		171. Electric shock.		172. Accidental drowning.		173. Inanition (starvation).		174. Absorption of deleterious gases (non-suicidal).		175. Other acute poisonings.		176. Other external violence.		177. Dropsy.		178. Sudden death.		179. Causes of death unspecified or ill-defined.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Table  
Recapitulation

COUNTIES.	I. GENERAL DISEASES.																												
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.					
Rockingham.....	8		2	9		8	2	13		3		3	1		3						2	47	4						
Strafford.....	6		1	1	4	6	2	1				1	1		3							48	2	3					
Belknap.....	4					1		4		6					3						1	17	2	1					
Carroll.....	2					1		3		1					5							10		1					
Merrimack.....	6		2	1	5	4		12		2		2	2		11						1	73	1	3					
Hillsborough.....	12			4	11	13	5	18		1	5		5		9			1		1		146	16	7					
Cheshire.....	2		1	1	3		1	4				3			3							15	6	2					
Sullivan.....	3		2		1		2	2							1							20		1					
Grafton.....	4		1		3	8		11		1	2				6							37	1	1					
Coös.....	6		2		4	11	3	3			2				2							20		1					
Total.....	53		11	16	31	52	15	71		3	24		9		46			1		5		433	33	19					

No. 15.—Continued.

by Counties, 1911.

## I. GENERAL DISEASES.—Continued.

30. Pott's disease.	31. Cold abscess, abscess by congestion.	32. White swelling.	33. Tuberculosis of other organs.	34. General tuberculosis.	35. Scrofula.	36. Syphilis.	37. Gonorrhea (5 years and over).	38. Gonorrhea (under 5 years).	39. Cancer and other malignant tumors of the buccal cavity.	40. Cancer of stomach and liver.	41. Cancer of intestines.	42. Cancer of genital organs.	43. Cancer of breast.	44. Cancer of skin.	45. Cancer of other or unspecified organs.	46. Tumors.	47. Acute articular rheumatism.	48. Chronic rheumatism and gout.	49. Scurvy.	50. Diabetes.	51. Exophthalmic goiter.	52. Addison's disease.	53. Leukemia.	54. Anemia, chlorosis.	55. Other general diseases.	56. Acute and chronic alcoholism.	57. Chronic lead poisoning.	59. Other chronic poisonings.
...	...	1	2	...	...	...	...	...	...	32	9	13	7	4	4	...	2	...	12	...	8	...	3	...	...	...	...	...
...	...	1	1	...	...	...	...	...	...	12	4	2	2	1	5	1	2	1	11	...	4	2	4	...	...	...	...	...
1	...	1	...	...	...	...	...	...	1	9	2	2	3	1	3	...	2	...	2	...	1	6	...	...	...	...	...	...
1	...	1	...	...	...	...	...	...	...	7	5	3	1	...	3	...	1	1	...	3	1	...	3	1	...	...	...	...
1	...	1	...	...	...	...	...	...	4	15	10	7	7	3	6	...	1	1	...	15	...	2	8	1	3	...	1	...
1	...	4	4	1	6	...	...	...	3	37	14	15	10	3	21	1	7	4	...	21	4	1	3	29	...	5	...	...
...	...	1	1	...	...	...	...	...	...	18	10	9	5	2	7	...	3	...	8	...	4	...	2	...	...	...	...	...
...	...	...	...	...	...	...	...	...	1	2	1	2	3	2	6	...	1	...	4	1	...	2	1	...	...	...	...	...
...	...	...	2	...	1	...	...	...	3	9	7	9	2	2	7	...	1	...	8	...	2	4	...	3	...	...	...	...
...	...	...	...	...	...	...	...	...	1	3	2	1	1	1	2	...	2	...	3	...	2	...	2	...	1	...	...	...
4	...	1	7	10	1	10	...	...	13	144	64	63	41	19	64	2	19	10	...	87	6	1	10	69	4	21	...	1

Table  
Recapitulation

COUNTIES.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																							
	60. Encephalitis.	61. Simple meningitis.		61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.		64. Apoplexy.	65. Softening of the brain.		66. Paralysis without specified cause.		67. General paralysis.	68. Other forms of mental alienation.		69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).		71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.		75. Diseases of the eye.
Rockingham.....	9	3	2	65	2	28	2	4	6	2	1	1	1	1	1	1	1	1	1	1	1	2	1	1
Strafford.....	6	3	1	40		5		1	5		1	1	1	1	1	1	1	1	1	1	1	3		
Belknap.....	3		1	23	1	21		1	1	1	1	1	1	1	1	1	1	1	1	1	1	4		
Carroll.....	1	2	2	16		4	1	1	1	1							1					5		
Merrimack.....	10	4	9	79	1	16	6	3	6		6		1	1	1	1	1	1	1	1	1	1		1
Hillsborough.....	50	2	15	136	4	32	1	5	3	2	26	2										12		
Cheshire.....	8		2	44		10			1				2									1		
Sullivan.....	6	1	2	34	3	9							3									3		
Grafton.....	8	3	2	50	2	15		1					1	2								7	1	
Coös.....	1	12		21		8	1						5	1								3		
Total.....	1	113	18	36	508	13	148	9	13	17	1	58	7	1								41	1	1



Table  
Recapitulation

COUNTIES.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Rockingham.....	1	1	1	1	11	23	7	..	3	3	..	..	3	1	2	11	..	..	3	
Strafford.....	1	1	..	2	9	39	6	..	4	3	..	..	4	..	1	7	..	..	4	
Belknap.....	..	..	..	..	9	6	2	..	2	..	..	..	..	..	..	4	..	..	..	
Carroll.....	..	..	..	1	4	3	3	..	6	1	1	..	1	1	1	3	1	1	1	
Merrimack.....	..	1	..	1	15	37	18	..	9	2	..	13	1	3	1	9	..	..	1	
Hillsborough.....	..	3	..	6	31	182	8	..	22	3	1	12	1	5	1	20	1	12	12	
Cheshire.....	1	..	2	1	7	10	..	..	1	1	..	2	..	2	..	3	..	..	2	
Sullivan.....	..	..	..	..	3	7	1	..	..	..	..	..	1	1	..	2	..	..	1	
Grafton.....	..	..	..	..	22	15	4	..	5	3	..	..	8	1	2	..	6	..	3	
Cooks.....	..	..	..	1	3	44	6	..	8	..	1	..	5	..	2	..	3	..	2	
Total.....	3	6	3	13	114	366	55	..	60	16	3	49	6	18	2	68	2	29	29	

No. 15.—Continued.

by Counties, 1911.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.														VII. THE PUERPERAL STATE.																									
119. Acute nephritis.	120. Bright's disease.	121. Other diseases of the kidneys.			122. Calculi of the urinary tract.	123. Diseases of the bladder.	124. Diseases of the urethra.		125. Diseases of the prostate.	126. Non-venereal diseases of the male genital organs.		127. Metritis.	128. Uterine hemorrhage (non-puerperal).	129. Uterine tumor.	130. Other diseases of the uterus.		131. Cysts and other tumors of the ovary.	132. Other diseases of the female genital organs.		133. Non-puerperal diseases of the breast.		134. Accidents of pregnancy.		135. Puerperal hemorrhage.		136. Other accidents of labor.		137. Puerperal septicemia.		138. Puerperal albuminuria and convulsions.		139. Phlegmasia alba dolens (puerperal).		140. Other puerperal accidents.		141. Puerperal diseases of the breast.			
8	67	2											1	1			1	1	1	2	3																		
5	49	1																					1	1	1					1									
	25	1	2																					1															
1	18	2	1											1															1										
7	68	4	8	1																				1	1	1											3		
16	88	2	13	3										2	2		1							2		5	8										3		
1	39	2	1											2	1									1		1	1												
1	31	1	3	1	1																			1	1														
5	34		8										1						1					1		2	2												
3	20		2	1															1					1		2	1												
47	439	9	41	1	9								2	6	3		2		3				5	8	1	14	17									7			



Table  
Recapitulation

COUNTIES.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Rockingham.....	9								6	27	4	...
Strafford.....	4		1	1	1				6	31	5	...
Belknap.....	1			1					2	9		...
Carroll.....				2					4	8		...
Merrimack.....	5	2			1				5	24	5	...
Hillsborough.....	4	1	4	1	5				22	157	11	1
Cheshire.....									4	26	5	...
Sullivan.....	5			1					2	13		...
Grafton.....	6		2		1		1		4	20	2	...
Coös.....	1								5	30	1	...
Total.....	35	3	7	6	8		1		60	*345	33	1

\*Included under this title are 197 premature births.

No. 15.—*Concluded.*

by Counties, 1911.

	XII. Old Age.		XIII. EXTERNAL CAUSES.																				XIV. ILL-DEFINED DISEASES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	154. Senile debility.		155. Suicide by poison.		156. Suicide by asphyxia.		157. Suicide by hanging or strangulation.		158. Suicide by drowning.		159. Suicide by firearms.		160. Suicide by cutting instruments.		161. Suicide by jumping from high places.		162. Suicide by crushing.		163. Other suicides.		164. Fractures.		165. Dislocations.		166. Other accidental traumatisms.		167. Burns and scalds.		168. Burns from corrosive substances.		169. Sunstroke.		170. Freezing.		171. Electric shock.		172. Accidental drowning.		173. Inanition (starvation).		174. Absorption of deleterious gases (non-suicidal).		175. Other acute poisonings.		176. Other external violence.		177. Dropsy.		178. Sudden death.		179. Causes of death unspecified or ill-defined.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Table No. 16.—1911.—Continued.

Sex.	MONTHS.												WHOLE NUMBER.		AGES.															
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.																		
	CAUSES OF DEATH.													Totals.	Males.	Females.	Unknown.	Under 1.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	
M.	6	5	9	6	2	4	2	2	1	2	3	9	87	45	42	29	6	1	1	1	1	1	1	1	2	3	1	1	7	
F.	5	5	7	2	6	5	1	1	1	2	1	7	83	40	43	21	10	1	1	1	1	1	1	1	2	3	2	2	2	
M.	5	2	6	4	3	3	3	5	2	3	1	5	83	40	43	21	10	1	1	1	1	1	1	1	2	3	2	2	2	
F.	6	7	6	8	1	3	1	2	2	2	4	1	83	40	43	21	10	1	1	1	1	1	1	1	2	3	2	2	2	
M.	15	6	11	11	8	7	5	2	2	2	3	5	170	81	89	33	24	3	1	1	2	1	1	1	3	8	10	21	7	
F.	13	14	10	12	7	3	7	4	5	4	5	10	170	81	89	33	24	3	1	1	2	1	1	1	3	8	10	21	7	
M.	43	47	57	38	24	13	5	12	13	16	22	20	613	310	303	38	21	6	3	15	20	21	39	70	39	29	3	3		
F.	44	42	52	28	30	14	7	9	6	20	21	30	613	310	303	38	21	6	3	15	20	21	39	70	39	29	3	3		
M.	1	1	1	1	1	1	1	1	1	1	1	1	19	11	8	34	35	5	7	2	7	10	18	25	44	73	41	1		
F.	1	1	1	1	1	1	1	1	1	1	1	1	19	11	8	34	35	5	7	2	7	10	18	25	44	73	41	1		
M.	5	4	2	5	4	4	1	3	1	3	3	1	65	30	35	6	1	1	1	2	3	2	5	5	3	8	1	1	1	
F.	2	4	3	7	3	4	4	4	3	1	3	1	65	30	35	6	1	1	1	2	3	2	5	5	3	8	1	1	1	
M.	1	1	1	1	1	1	1	1	1	1	1	1	5	3	2	1	1	1	1	2	2	3	3	6	8	9	1	1	1	
F.	1	1	1	1	1	1	1	1	1	1	1	1	5	3	2	1	1	1	1	2	2	3	3	6	8	9	1	1	1	
M.	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	2	1	
F.	1	2	1	1	1	1	2	2	2	2	2	1	10	6	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	
V. DISEASES OF THE DIGESTIVE SYSTEM.																														
100. Diseases of the mouth.																														
M.	1	1	1	1	1	1	1	1	1	1	1	1	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
F.	1	1	1	1	1	1	1	1	1	1	1	1	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
M.	1	1	1	1	1	1	1	1	1	1	1	1	6	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
F.	1	1	1	1	1	1	1	1	1	1	1	1	6	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
M.	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
F.	1	1	1	1	1	1	1	1	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
M.	1	1	1	1	1	1	1	1	1	1	1	1	13	7	6	1	1	1	1	1	1	1	1	1	2	1	2	1	1	
F.	2	1	1	1	1	1	1	1	1	1	1	1	13	7	6	1	1	1	1	1	1	1	1	1	2	1	2	1	1	

M.	5	7	6	5	3	4	2	5	7	4	5	9	104.	Other diseases of the stomach.	114	62	52	20	4	1	1	2	2	2	8	14	8
F.	3	3	3	7	5	2	6	3	9	4	2	5	105.	Other diseases of the stomach.	366	199	167	18	2	1	4	1	4	1	4	8	10
M.	5	2	3	5	5	9	55	68	33	8	4	2	105.	Diarrhoea and enteritis (under 2 years)	55	19	36	148	19	5	1	1	1	3	2	4	2
F.	5	5	7	3	2	2	64	46	21	9	1	2	106.	Diarrhoea and enteritis (under 2 years)	60	33	27	170	29	6	4	2	1	3	4	10	*6
M.	1	2	1	2	1	1	3	7	4	2	1	1	106.	Diarrhoea and enteritis (2 years and more)	55	19	36	148	19	5	1	1	1	3	2	4	2
F.	1	2	1	2	1	1	12	4	8	1	3	3	108.	Hernia and intestinal obstructions.	60	33	27	5	1	1	2	1	2	1	3	4	10
M.	4	4	4	3	2	3	4	1	2	4	1	2	108.	Hernia and intestinal obstructions.	60	33	27	5	1	1	2	1	2	5	5	2	7
F.	2	3	4	2	4	1	3	1	4	1	1	2	109.	Other diseases of the intestines	16	8	8	5	1	1	2	5	5	2	7	1	1
M.	2	3	2	1	1	1	1	1	1	1	1	1	109.	Other diseases of the intestines	16	8	8	3	1	1	1	1	1	1	2	2	2
F.	2	1	2	2	2	2	2	2	2	2	2	2	110.	Acute yellow atrophy of the liver.	3	1	2	1	1	1	1	1	1	1	2	2	1
M.	3	4	5	3	4	2	3	1	5	1	1	1	110.	Acute yellow atrophy of the liver.	3	1	2	1	1	1	1	1	1	1	1	2	1
F.	3	4	5	3	4	2	3	1	5	1	1	1	112.	Cirrhosis of the liver.	49	34	15	1	1	1	2	8	4	8	8	3	3
M.	1	4	1	1	1	1	1	1	2	1	1	3	112.	Cirrhosis of the liver.	49	34	15	1	1	1	1	2	3	3	3	3	3
F.	1	1	1	1	1	1	1	1	1	1	1	1	113.	Biliary calculi.	6	2	4				1	2	3	3	3	3	3
M.	1	1	1	1	1	1	1	1	1	1	1	1	113.	Biliary calculi.	6	2	4				1	2	3	3	3	3	3
F.	1	1	1	1	1	1	1	1	1	1	1	1	114.	Other diseases of the liver	18	10	8				1	2	1	1	1	3	1
M.	1	1	1	1	1	1	1	1	1	1	1	1	114.	Other diseases of the liver	18	10	8				1	2	1	1	1	3	1
F.	1	1	1	1	1	1	1	1	1	1	1	1	115.	Diseases of the spleen	2	1	1				1	2	1	1	1	3	1
M.	1	2	3	4	3	1	2	1	2	1	2	1	115.	Diseases of the spleen	2	1	1				1	2	1	1	1	3	1
F.	1	2	3	4	3	1	2	1	2	1	2	1	116.	Simple peritonitis	68	20	48	1	1	1	3	3	2	2	2	2	2
M.	7	3	3	4	4	5	3	3	5	5	2	4	116.	Simple peritonitis	68	20	48	1	1	1	3	3	2	2	2	2	2
F.	7	3	3	4	4	5	3	3	5	5	2	4	117.	Other diseases of the digestive system.	2	1	1	2	5	4	10	5	7	6	4	4	1
M.	1	1	1	1	1	1	1	1	1	1	1	1	117.	Other diseases of the digestive system.	2	1	1	2	5	4	10	5	7	6	4	4	1
F.	1	1	1	1	1	1	1	1	1	1	1	1	118.	Appendicitis.	29	21	8	1	1	1	3	4	4	3	3	2	1
M.	2	2	3	4	3	1	2	1	2	1	2	1	118.	Appendicitis.	29	21	8	1	1	1	3	4	4	3	3	2	1
F.	1	1	1	1	1	1	1	1	1	1	1	1	VI.	DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADJEXA.													
M.	3	3	1	4	4	1	2	3	2	1	3	2	119.	Acute nephritis	47	24	23	2	1	1	4	5	3	2	4	2	2
F.	5	1	3	2	2	2	3	3	1	3	1	3	119.	Acute nephritis	47	24	23	2	1	1	4	5	3	2	4	2	2
M.	23	24	22	15	15	22	15	18	18	22	21	21	120.	Bright's disease.	439	239	200	1	1	3	3	5	2	4	1	2	2
F.	19	15	18	19	22	20	14	19	18	11	11	14	120.	Bright's disease.	439	239	200	1	1	3	3	5	2	4	1	2	2
M.	1	2	1	1	1	1	1	1	1	1	1	1	121.	Other diseases of the kidneys.	9	7	2	1	1	1	5	16	25	44	40	42	25
F.	1	2	1	1	1	1	1	1	1	1	1	1	121.	Other diseases of the kidneys.	9	7	2	1	1	1	5	16	25	44	40	42	25
M.	2	1	4	1	9	2	3	1	4	2	1	1	123.	Diseases of the bladder	41	32	9	1	1	1	3	2	4	16	7	4	16
F.	2	1	4	1	9	2	3	1	4	2	1	1	123.	Diseases of the bladder	41	32	9	1	1	1	3	2	4	16	7	4	16
M.	1	1	1	1	1	1	1	1	1	1	1	1	124.	Disease of the urethra.	1	1	1	1	1	1	1	1	1	1	1	1	1
F.	1	1	1	1	1	1	1	1	1	1	1	1	124.	Disease of the urethra.	1	1	1	1	1	1	1	1	1	1	1	1	1
M.	1	1	1	1	1	1	1	1	1	1	1	1	125.	Diseases of the prostate.	9	9	9	1	1	1	1	1	1	1	1	1	1
F.	1	1	1	1	1	1	1	1	1	1	1	1	125.	Diseases of the prostate.	9	9	9	1	1	1	1	1	1	1	1	1	1
M.	1	1	1	1	1	1	1	1	1	1	1	1	128.	Uterine hemorrhage (non-puerperal)	2	2	2	2	2	2	2	2	2	2	2	2	2
F.	1	1	1	1	1	1	1	1	1	1	1	1	128.	Uterine hemorrhage (non-puerperal)	2	2	2	2	2	2	2	2	2	2	2	2	2
M.	1	1	1	1	1	1	1	1	1	1	1	1	129.	Uterine tumor.	6	6	6	1	1	1	3	1	2	1	2	1	2

\*1 over 100 years of age.





Table No. 16.—1911.—Concluded.

Sex.		MONTHS.												CAUSES OF DEATH.	WHOLE NUMBER.			AGES.															
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.		Unknown.	Totals.	Males.	Females.	Unknown.	Under 1.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Unknown.	
M.				1							2	4		174. Absorption of deleterious gases (non-suicidal).	8	7	1										2	1			2		
F.												1		Absorption of deleterious gases (non-suicidal).										1									
M.	1	1	1				3	1	1	1				175. Other acute poisonings.	8	7	1			2						1	1	3			1		
F.	2	1	3	2	1	3	1	1	1	3	1			176. Other external violence.	29	18	10	*1	14				3										
M.	1				1	1	3	2						Other external violence.				8															
F.																																	
XIV. ILL-DEFINED DISEASES.																																	
M.	1		2	1	1	1								177. Dropsy.	10	6	4			1									1	2	1	1	
F.			1		1					1		1		Dropsy.									1								2		
M.						1		2	1					178. Sudden death.	5	4	1			1										1		2	
F.													1	Sudden death.																			
M.	5	2	5	6	3	2	7	3	1	6	2	1		179. Causes of death unspecified or ill-defined.	65	42	23		27	4	1		1				2	3	1			3	
F.	3		1			1	2	3	5	5	1	2		Causes of death unspecified or ill-defined.				18		1							1	2	1				
M.	352	322	347	342	302	303	425	314	306	255	260	299			7410	3925	3583	**2	666	195	65	44	78	169	224	255	409	539	670	482	26		
F.	352	333	342	313	277	243	338	278	294	279	251	283						581	198	58	43	64	182	201	279	340	460	621	541	15			

\*Sex not stated; classed with males.

## SUMMARY OF VITAL STATISTICS.



**Table No. 17.**  
**Population of Counties in 1880, 1890, and 1900.**

Counties.	1880.	1890.	1900.
Rockingham.....	49,064	49,650	51,118
Strafford.....	35,558	38,442	39,337
Belknap.....	17,948	20,321	20,321
Carroll.....	18,224	18,124	16,895
Merrimack.....	46,300	49,435	52,430
Hillsborough.....	75,634	93,247	112,640
Cheshire.....	28,734	29,579	31,321
Sullivan.....	18,161	17,304	18,009
Grafton.....	38,788	37,217	40,844
Cöös.....	18,580	23,211	29,468
Total.....	346,991	376,530	411,588

The above table shows the population by counties according to the United States census for 1880, 1890, and 1900. It is from these figures that our calculations are made in arriving at the estimated population for each year as given in Table No. 24. The calculation is made upon the assumption that the increase between the respective decennial periods was constant. This would, doubtless, approximate very closely the exact population for each. At least it would be near enough to give correct percentages to an exceedingly small fraction. Percentages when given by years (excepting for census years) are based upon deductions made in the manner just stated.

**Table No. 18.**  
**Population of New Hampshire by Age Periods, Census Years**  
**1880, 1890, and 1900.**

Ages.	1880.	1890.	1900.
1 to 10.....	60,803	61,033	73,695
10 to 20.....	62,724	68,363	67,617
20 to 30.....	63,252	68,672	73,992
30 to 40.....	46,532	53,533	60,334
40 to 50.....	39,344	42,946	49,598
50 to 60.....	31,998	35,032	37,856
60 to 70.....	23,417	25,447	27,280
70 to 80.....	14,227	14,972	15,132
Over 80.....	4,694	5,469	4,956
Age unknown.....		1,063	1,128
Total.....	346,991	376,530	411,588

Table No. 19.—Births.  
Showing Births from 1880 to 1911, inclusive.

Counties.	Births.																															
	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
Rockingham	733	675	749	692	637	640	757	727	750	752	773	764	797	895	806	859	857	871	899	884	866	917	850	947	895	977	1043	1005	1034	986	992	968
Strafford . . .	322	423	625	698	640	621	662	701	725	705	784	814	808	861	799	853	866	883	913	897	856	838	816	820	810	843	938	842	864	911	849	843
Belknap . . .	215	227	273	261	242	256	263	296	307	328	322	370	395	353	403	361	388	328	325	295	305	317	312	330	336	354	370	417	400	430	403	364
Carroll . . . .	153	198	274	286	275	245	264	249	236	260	261	279	309	312	318	304	280	328	270	276	260	270	242	282	259	261	284	249	296	272	294	252
Merrimack . .	628	750	809	723	739	734	818	773	852	921	938	1032	988	1069	1107	1010	1018	986	980	1001	967	1023	994	938	1040	997	1010	989	951	935	1022	925
Hillsborough .	840	879	1617	1675	1843	1952	2148	2313	1798	1923	1963	2144	2286	2489	2207	2529	2768	2697	2600	2378	2832	2446	2651	2641	2587	2722	2928	2951	2950	2758	3204	3069
Cheshire. . . .	255	348	445	496	554	511	514	525	553	546	543	602	611	665	558	622	578	551	597	647	578	607	645	605	606	625	610	645	675	644	642	655
Sullivan . . .	245	236	265	269	268	267	230	269	276	287	306	309	339	312	309	337	285	304	302	290	309	327	323	303	314	370	329	366	366	345	397	394
Grafton. . . .	584	593	657	647	643	631	623	623	599	695	636	658	618	720	667	720	705	729	726	727	724	713	687	732	761	790	841	758	852	801	783	773
Cods. . . . .	274	286	410	403	406	402	378	434	347	495	420	538	595	672	686	657	689	782	706	753	738	706	729	730	756	843	871	861	882	831	890	750
Total. . . .	4219	4615	6124	6150	6247	6319	6657	6910	6443	6912	6946	7510	7746	8348	7860	8252	8434	8459	8521	8118	8435	8164	8349	8318	8364	8782	9234	9083	9270	8913	9386	8993

Since 1893 still births and premature births have been excluded from this table. They will be found elsewhere.

Table 20.—Marriages.  
Showing Number of Marriages from 1880 to 1911, inclusive, by Years.

Counties.	Population in 1880.	Population in 1890.	Population in 1900.	Marriages.																																
				1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	
Rockingham .	49,064	49,650	51,118	310	382	419	399	419	447	440	457	420	484	458	507	502	546	459	545	535	503	489	512	561	544	595	525	459	499	603	604	621	683	766	631	
Strafford . . .	35,558	38,442	39,337	255	332	428	425	415	388	418	420	416	377	457	466	466	467	471	472	482	455	426	439	413	405	391	418	362	464	503	499	442	417	481	395	
Belknap . . . .	17,948	20,321	19,526	108	177	166	198	147	150	183	213	183	186	178	200	208	194	192	208	177	152	168	176	183	157	168	219	176	200	197	189	177	185	221	173	
Carroll . . . . .	18,224	18,124	16,895	136	149	159	175	171	182	177	149	163	176	155	200	190	205	174	177	191	160	170	162	148	156	138	162	157	155	144	167	170	150	136	134	
Merrimack . .	46,300	49,435	52,430	330	353	364	432	344	361	345	421	405	423	473	430	463	478	446	426	437	414	457	419	471	448	431	415	410	478	423	467	393	395	458	408	
Hillsborough	75,634	93,247	112,640	752	674	1025	949	886	815	876	915	879	1013	939	1043	1252	1138	1017	1095	1130	1080	1022	957	1098	1092	1142	1201	1133	1202	1294	1290	1109	1182	1861	1507	
Cheshire . . . .	28,734	29,579	31,321	195	206	232	262	238	233	240	255	221	250	237	289	269	255	265	263	257	237	255	270	275	325	268	263	282	315	293	314	279	249	296	261	
Sullivan . . . .	18,161	17,304	18,009	134	151	149	167	138	109	140	123	146	154	172	175	152	151	153	156	142	150	155	149	167	153	191	154	158	176	214	207	179	173	205	176	
Grafton . . . . .	38,788	37,217	40,844	274	270	319	339	332	327	318	328	322	343	314	338	332	356	401	406	365	350	385	380	369	400	401	357	379	392	396	451	407	370	397	357	
Cooks . . . . .	18,580	23,211	29,468	135	146	172	149	202	168	187	214	224	215	238	256	240	300	303	267	316	275	266	277	298	321	336	290	287	331	311	358	321	275	289	298	
Total . . . . .	346,991	376,530	411,588	2629	2830	3433	3495	3292	3180	3324	3495	3379	3621	3621	3904	4074	4090	3881	4015	4053	3776	3793	3741	3983	4001	4061	4004	3803	4212	4378	4546	4098	4079	5110	4340	

Table No. 21.—Deaths.  
Showing Deaths from 1880 to 1911, inclusive.

Counties.	Deaths.																															
	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
Rockingham . . .	627	717	732	699	873	911	963	876	896	875	1065	991	1026	1033	901	910	876	912	844	875	866	917	879	857	816	933	878	932	872	827	885	926
Stratford . . .	184	329	372	494	627	619	609	673	688	691	801	809	864	742	617	624	675	719	707	729	856	838	597	636	660	711	671	666	645	642	689	628
Belknap . . .	147	153	219	262	285	289	362	369	392	389	374	392	440	369	381	338	346	332	347	356	305	317	338	377	322	357	407	358	349	359	390	325
Carroll . . .	107	189	219	253	333	269	303	294	328	298	303	341	342	305	299	297	284	282	277	290	260	270	261	278	244	278	269	274	256	254	263	297
Merrimack . . .	595	695	726	762	736	796	833	835	920	891	983	951	1064	1063	953	930	887	872	827	914	967	1023	856	949	944	941	997	1005	978	1027	1033	1040
Hillsborough . . .	1203	1396	1390	1551	1655	1701	1681	1697	1846	1740	1973	1957	2092	2103	1902	1980	2024	2046	1899	1990	2832	2446	2039	1977	1923	2283	2303	2226	2065	2305	2189	2265
Cheshire . . .	240	271	405	418	497	494	475	482	488	525	557	482	608	595	514	512	438	479	499	523	578	607	435	458	535	508	495	524	514	476	534	462
Sullivan . . .	190	261	261	254	273	284	328	283	327	314	332	280	382	362	326	316	285	315	306	272	309	327	270	312	275	291	289	315	328	311	334	322
Grafton . . .	429	482	487	547	652	611	616	602	655	625	651	648	749	696	638	681	634	689	638	662	724	713	611	678	634	622	744	706	679	689	659	686
Cooks . . .	107	157	190	181	263	227	256	368	314	348	329	459	421	395	367	341	342	381	399	434	738	706	363	447	451	415	445	480	475	392	449	459
Total . . .	3826	4650	5001	5421	6194	6201	6426	6479	6854	6696	7368	7310	7988	7663	6898	6929	6791	7027	6743	7045	8435	8164	6649	6969	6804	7339	7498	7486	7161	7282	7455	7410

Since 1893 still births and premature births have been excluded from this table. They will be found elsewhere.

Table No. 22.

**Births, Marriages and Deaths, with the Population and Rates,  
for 1884 to 1911, inclusive.**

Years.	Population.*	Births.	Marriages.	Deaths.	Birth-rate per 1,000.	Persons married to 1,000.	Death-rate per 1,000.
1884. ....	358,845	6,247	3,292	6,194	17.40	18.34	17.26
1885. ....	361,806	6,319	3,180	6,201	17.46	17.56	17.12
1886. ....	364,767	6,657	3,324	6,426	18.24	18.22	17.61
1887. ....	367,728	6,910	3,495	6,479	18.78	19.00	17.61
1888. ....	370,689	6,443	3,379	6,854	17.38	18.22	18.48
1889. ....	373,650	6,912	3,621	6,696	18.49	19.36	17.91
1890. ....	376,530	6,946	3,621	7,368	18.44	19.22	19.56
1891. ....	379,896	7,510	3,904	7,310	19.77	20.55	19.24
1892. ....	383,292	7,746	4,074	7,988	20.21	21.26	20.84
1893. ....	386,719	8,348	4,090	7,663	21.58	21.15	19.81
1894. ....	390,177	7,860	3,881	6,898	20.14	19.89	17.68
1895. ....	393,665	8,252	4,015	6,929	20.96	20.39	17.60
1896. ....	397,185	8,434	4,032	6,791	21.23	20.30	17.09
1897. ....	400,737	8,459	3,776	7,027	21.11	18.86	17.55
1898. ....	404,322	8,321	3,793	6,743	20.58	18.76	16.68
1899. ....	407,938	8,118	3,741	7,045	19.90	18.33	17.27
1900. ....	411,588	8,435	3,983	7,624	20.49	19.35	18.52
1901. ....	413,486	8,164	4,001	6,975	19.17	19.35	16.86
1902. ....	415,384	8,249	4,061	6,649	19.85	19.55	16.00
1903. ....	417,282	8,318	4,004	6,969	19.93	19.19	16.70
1904. ....	419,180	8,364	3,803	6,804	19.95	18.14	16.23
1905. ....	421,078	8,782	4,212	7,339	20.85	20.00	17.42
1906. ....	422,976	9,234	4,378	7,498	21.83	20.80	17.72
1907. ....	424,874	9,083	4,546	7,486	21.37	21.39	17.61
1908. ....	426,772	9,270	4,098	7,161	21.72	19.20	16.77
1909. ....	428,670	8,913	4,079	7,282	20.79	19.03	16.98
1910. ....	430,572	9,386	5,110	7,455	21.79	23.73	17.31
1911. ....	432,470	8,993	4,340	7,410	20.79	20.07	17.13

\*Population estimated for all but census years.

Table No. 23.

**Population of 1900: Births, Marriages and Deaths, with rates of each to 1,000 of the population, for the year ending December 31, 1910.**

Counties.	Population in 1910.	Births.	Rate per 1,000 of pop- ulation.	Marriages.	Rate per 1,000 of pop- ulation.	Deaths.	Rate per 1,000 of pop- ulation.
Rockingham.....	52,188	992	19.00	766	14.67	885	16.95
Strafford.....	38,951	849	21.79	481	12.34	689	17.68
Belknap.....	21,309	403	18.91	221	10.37	300	18.30
Carroll.....	16,316	294	18.01	136	8.33	293	17.95
Merrimack.....	53,335	1022	19.16	458	8.58	1033	19.36
Hillsborough.....	126,072	3204	25.41	1861	14.76	2189	17.36
Cheshire.....	30,659	642	20.94	296	9.65	534	17.41
Sullivan.....	19,337	397	25.53	205	10.60	334	17.27
Grafton.....	41,652	783	18.79	397	9.53	659	15.82
Coös.....	30,753	800	26.01	289	9.39	449	14.60
Total.....	430,572	9386	21.79	5110	11.86	7455	17.31

Table No. 24.

**Population of 1900: Births, Marriages and Deaths, with rates of each to 1,000 of the population, for the year ending December 31, 1911.**

Counties.	Population in 1910.	Births.	Rate per 1,000 of pop- ulation.	Marriages.	Rate per 1,000 of pop- ulation.	Deaths.	Rate per 1,000 of pop- ulation.
Rockingham.....	52,188	968	18.54	631	12.09	926	17.74
Strafford.....	38,951	843	21.64	395	10.14	628	16.12
Belknap.....	21,309	364	17.08	173	8.11	325	15.25
Carroll.....	16,316	252	15.44	134	8.21	297	18.20
Merrimack.....	53,335	925	17.34	408	7.64	1040	19.50
Hillsborough.....	126,072	3069	24.34	1507	11.95	2265	17.96
Cheshire.....	30,659	655	21.36	261	8.51	462	15.06
Sullivan.....	19,337	394	20.37	176	9.10	322	16.65
Grafton.....	41,652	773	18.55	357	8.57	686	16.46
Coös.....	30,753	750	24.38	298	9.68	459	14.92
Total.....	430,572	8993	20.88	4340	10.07	7410	17.20



Table No. 25.

Percentage of American and Foreign Births, by Counties, 1910.

Counties.	Parents.			Births with parentage not stated.
	American born.	Foreign born.	One foreign born.	
Rockingham.....	56.86	25.41	17.73	16
Strafford.....	41.38	39.57	19.05	20
Belknap.....	55.69	26.08	18.23	8
Carroll.....	76.24	9.22	14.54	12
Merrimack.....	52.56	25.98	21.46	25
Hillsborough.....	26.96	53.23	19.81	48
Cheshire.....	59.05	26.66	14.29	12
Sullivan.....	62.11	22.69	15.20	9
Grafton.....	60.78	16.21	23.01	18
Coös.....	27.69	48.09	24.11	18
Total for state.....	43.51	36.96	19.53	186

Table No. 26.

Percentage of American and Foreign Births, by Counties, 1911.

Counties.	Parents.			Births with parentage not stated.
	American born.	Foreign born.	One foreign born.	
Rockingham.....	55.78	25.42	18.80	16
Strafford.....	45.18	34.79	20.02	24
Belknap.....	49.16	32.40	18.44	6
Carroll.....	80.08	6.09	13.82	6
Merrimack.....	54.43	25.61	19.96	23
Hillsborough.....	27.77	53.92	18.31	70
Cheshire.....	57.78	24.49	17.72	6
Sullivan.....	57.48	22.05	20.47	13
Grafton.....	64.99	13.47	21.53	16
Coös.....	29.34	44.84	25.82	14
Total for state.....	44.32	36.15	19.52	194

## MARRIAGES.

Table No. 27.

Marriage Rates for 1882 to 1911, inclusive.\*

Years.	Marriages.	Persons married to 1,000 liv- ing.	Number living to one mar- ried.
1882.....	3,433	19.44	103
1883.....	3,495	19.68	102
1884.....	3,292	18.34	109
1885.....	3,180	17.56	114
1886.....	3,324	18.22	109
1887.....	3,495	19.00	105
1888.....	3,379	18.22	109
1889.....	3,621	19.36	103
1890.....	3,621	19.22	103
1891.....	3,904	20.55	97
1892.....	4,074	21.26	93
1893.....	4,090	21.15	94
1894.....	3,881	19.89	100
1895.....	4,015	20.39	98
1896.....	4,032	20.30	97
1897.....	3,776	18.86	106
1898.....	3,793	18.76	106
1899.....	3,741	18.33	107
1900.....	3,983	19.35	103
1901.....	4,001	19.35	103
1902.....	4,061	19.55	102
1903.....	4,004	19.19	104
1904.....	3,803	18.14	110
1905.....	4,212	20.00	99
1906.....	4,378	20.80	96
1907.....	4,546	21.39	93
1908.....	4,098	19.20	104
1909.....	4,079	19.03	105
1910.....	5,110	23.73	84
1911.....	4,340	20.07	99

\*Population estimated for all but census years.

Table  
Marriage Rates for 1882 to

Counties.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.
Rockingham..	8.51	8.09	8.49	9.04	8.89	9.22	8.45	9.72	9.22	10.21	10.08	10.96	9.24	10.98
Strafford.....	11.84	11.66	11.30	10.48	11.21	11.17	10.98	9.88	11.88	12.12	11.94	11.88	12.25	12.28
Belknap.....	9.01	10.61	7.78	7.84	9.45	10.87	9.23	9.27	8.75	9.84	10.00	9.22	9.44	10.23
Carroll.....	8.73	9.62	9.40	10.01	9.74	8.21	8.98	9.71	8.55	11.03	10.43	11.33	9.60	9.77
Merrimack...	7.75	9.14	7.23	7.54	7.16	8.68	8.30	8.61	9.56	8.69	9.24	9.46	9.02	8.62
Hillsborough..	12.95	11.73	10.72	9.65	10.17	10.41	9.80	11.08	10.07	11.18	12.93	10.15	10.91	11.74
Cheshire.....	8.01	9.02	8.01	7.97	8.18	8.66	7.48	8.43	8.01	9.77	9.04	8.55	8.95	8.89
Sullivan.....	8.28	9.27	7.74	6.14	7.93	7.00	8.35	8.86	9.93	10.11	8.44	8.85	8.84	9.01
Grafton.....	8.28	8.83	8.68	8.59	8.38	8.68	8.55	9.15	8.43	9.10	8.62	9.69	10.77	10.91
Cos. ....	8.82	7.46	9.89	8.04	8.76	9.82	10.07	9.47	10.25	11.03	9.94	12.19	13.05	11.50
Average..	9.72	9.84	9.17	8.78	9.11	9.50	9.11	9.68	9.61	10.31	10.58	10.56	10.21	10.39

No. 28.

1911, inclusive, by Counties.

1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.
10.77	10.13	9.85	10.31	10.97	10.64	11.63	10.27	8.97	9.76	11.79	11.81	12.14	13.36	14.67	12.09
12.54	11.84	11.08	11.42	10.49	10.29	9.94	10.63	9.20	11.79	12.78	12.68	11.23	10.60	12.34	10.14
8.71	7.48	8.26	8.66	9.37	8.04	8.60	11.22	9.01	10.24	10.08	9.67	9.06	9.47	10.37	8.11
10.54	8.83	9.38	8.93	8.76	9.23	8.17	9.58	9.29	9.17	8.52	9.88	10.05	8.87	8.33	8.21
8.84	8.37	9.24	8.48	8.98	8.54	8.22	7.91	7.81	9.11	8.06	8.90	7.49	7.53	8.58	7.64
12.12	11.58	10.96	10.26	9.74	9.69	10.14	10.66	10.05	10.67	11.48	11.45	9.84	10.49	14.76	11.95
8.69	8.01	8.62	9.13	8.78	10.38	8.55	8.39	9.00	10.05	9.35	10.02	8.90	7.94	9.65	8.51
8.21	8.67	8.95	8.61	9.27	8.49	10.61	8.55	8.77	9.77	11.88	11.49	9.93	9.60	10.60	9.10
9.81	9.40	10.34	10.21	9.03	9.79	9.82	8.74	9.27	9.59	9.68	11.04	9.96	9.05	9.53	8.57
13.61	11.85	11.46	11.93	10.11	10.89	11.40	9.78	9.74	11.23	10.55	12.14	10.89	9.33	9.39	9.68
10.38	9.61	9.81	9.79	9.55	9.59	9.86	9.73	9.23	10.23	10.63	11.04	9.95	9.91	11.86	10.07

Table No. 29.

## Divorces Decreed from 1870 to

Counties.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888
Rockingham.....	19	20	29	34	41	23	37	18	30	30	44	30	23	21	28	25	40	41	26
Strafford.....	12	6	24	27	25	17	20	29	29	34	58	42	36	53	32	28	46	24	41
Belknap.....		7	7	13	12	10	18	16	16	16	22	17	14	15	19	20	24	25	26
Carroll.....	4	1	1	9	9	4	10	13	19	13	11	19	9	7	14	20	12	12	22
Merrimack.....	15	27	32	13	51	37	40	23	22	36	41	25	49	49	48	35	46	48	49
Hillsborough.....	64	37	58	51	77	75	65	73	61	69	83	87	90	74	93	86	110	78	82
Cheshire.....	12	19	19	16	15	22	21	17	18	22	31	21	34	25	30	25	32	26	29
Sullivan.....	6	6	10	16	17	13	26	9	10	8	9	22	17	12	11	20	25	20	26
Grafton.....	13	21	15	29	22	20	20	29	17	27	25	37	27	14	28	22	30	35	40
Cooks.....	4	5	2	4	12	11	9	10	11	10	15	7	15	3	12	10	17	16	18
Total.....	149	149	197	212	281	232	266	237	233	265	339	307	314	273	315	291	382	325	359

## —Divorces.

1911, inclusive, by Counties.

1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
43	42	47	33	42	34	60	47	39	57	52	43	59	62	63	72	55	49	75	86	62	57	65
36	38	30	30	39	38	35	37	45	40	32	37	34	47	37	26	31	37	37	51	31	44	43
27	25	37	27	25	28	23	38	25	23	35	36	42	39	26	27	38	43	39	38	37	33	51
20	20	17	18	20	20	25	25	21	17	16	23	22	29	20	29	23	19	18	35	20	19	37
42	53	52	55	53	50	56	35	47	65	51	63	77	50	58	61	55	44	78	49	76	75	72
87	95	115	89	108	109	99	118	115	120	108	107	95	111	144	127	119	129	139	156	127	152	152
31	32	32	32	28	29	28	29	33	34	28	30	35	32	37	48	31	28	30	36	37	41	31
18	22	13	8	15	17	19	11	25	23	28	22	29	30	28	29	29	32	25	25	23	35	22
39	33	49	38	39	47	46	43	48	40	56	45	60	58	73	73	59	63	56	78	69	72	79
25	22	20	17	29	26	16	23	31	26	29	20	29	25	32	33	31	31	25	15	48	27	36
368	382	412	347	398	398	407	406	429	445	435	426	482	483	518	525	471	475	522	569	530	555	588



Table No. 30.

Causes upon which Divorces Have Been Decreed for Thirty Years, 1882 to 1911, inclusive, by Counties.

COUNTIES.	Non-support.	Abandonment, refusal to cohabit and extreme cruelty.	Absent three years.	Abandonment.	Abandonment and adultery.	Absent three years and abandonment.	Adultery.	Adultery and treatment endangering health and reason.	Conviction of crime and imprisonment.	Desertion and bigamy.	Desertion.	Extreme cruelty.	Extreme cruelty and abandonment.	Extreme cruelty and adultery.	Extreme cruelty and habitual drunkenness.	Absence of wife from state ten years together.	Extreme cruelty, habitual drunkenness and adultery.	Habitual drunkenness.	Habitual drunkenness and adultery.	Habitual drunkenness and treatment injurious to health.	Habitual drunkenness and desertion.	Impotency.	Joining religious sect and refusal to cohabit.	Willing absence and refusal to cohabit.	Nullity.	Prior marriage.	Refusal to cohabit.	Treatment injurious to health.	Treatment injurious to health and extreme cruelty.	Treatment injurious to health and to reason.	Treatment injurious to reason.	Willing absence three years.	No cause assigned.	Total.	
Rockingham.	...	...	4	536	...	...	246	...	8	...	388	...	1	1	...	...	132	...	...	...	...	4	...	...	10	...	...	77	...	4	...	62	2	1,475	
Strafford.	...	115	339	2	...	...	211	...	2	16	277	...	...	6	...	77	...	...	...	...	27	3	2	...	63	6	...	1	27	...	2	...	61	1	1,115
Beknap	...	11	224	...	...	...	202	...	6	4	215	...	...	3	...	83	...	...	...	...	1	...	1	...	35	3	...	...	71	...	3	...	43	...	905
Carroll	...	5	191	...	...	...	136	...	3	4	147	...	2	6	...	1	43	...	...	...	...	2	...	29	2	...	...	15	...	...	...	23	...	609	
Merrimack	1	22	381	3	...	...	341	1	10	30	445	1	3	8	...	...	139	...	...	1	...	2	13	...	45	9	...	62	...	1	4	2	114	2	1,640
Hillsborough	...	16	1173	7	5	...	532	...	24	...	956	16	17	50	...	2	190	...	5	...	6	7	3	...	5	4	...	6	125	24	9	...	151	1	3,334
Cheshire	...	3	342	4	...	...	192	...	2	10	231	2	5	10	1	...	59	...	1	3	...	3	...	...	...	5	1	...	46	...	7	2	30	...	962
Sullivan	...	2	161	1	2	...	142	...	1	...	201	1	2	4	...	2	27	1	...	2	1	1	1	...	64	2	...	15	...	4	2	...	24	...	659
Grafton	...	2	383	1	...	...	345	...	10	130	382	1	6	10	...	...	94	...	1	...	...	1	2	1	...	58	17	...	57	2	6	...	46	...	1,439
Cooks	...	7	173	...	...	...	141	...	3	2	201	1	...	4	...	...	50	...	...	...	2	5	...	55	3	...	...	17	...	2	...	40	...	707	
Total.	1	187	3903	18	7	5	2488	1	69	2	96	3443	22	36	102	1	3	894	1	7	12	14	36	4	354	61	1	7	512	34	39	4	594	6	12,865

Table No. 31.

Ratio of Divorces to Marriages from 1882 to 1911, inclusive.\*

Years.	Number of marriages.	Person married to 1,000.	Number of divorces.	Ratio of divorces to marriages.
1882.....	3,433	19.44	314	1 to 10.93
1883.....	3,495	19.68	273	1 to 12.80
1884.....	3,292	18.34	315	1 to 10.45
1885.....	3,180	17.56	291	1 to 10.92
1886.....	3,324	18.22	382	1 to 8.70
1887.....	3,495	19.00	325	1 to 10.75
1888.....	3,379	18.22	386	1 to 8.75
1889.....	3,621	19.36	368	1 to 9.83
1890.....	3,621	19.22	382	1 to 9.48
1891.....	3,904	20.55	412	1 to 10.55
1892.....	4,074	21.26	347	1 to 11.74
1893.....	4,090	21.15	398	1 to 10.27
1894.....	3,881	19.89	398	1 to 9.75
1895.....	4,015	20.39	407	1 to 9.86
1896.....	4,032	20.30	406	1 to 9.93
1897.....	3,776	18.86	429	1 to 8.80
1898.....	3,793	18.76	445	1 to 8.52
1889.....	3,741	18.33	435	1 to 8.60
1900.....	3,983	19.35	426	1 to 9.35
1901.....	4,001	19.35	482	1 to 8.30
1902.....	4,061	19.55	483	1 to 8.41
1903.....	4,004	19.19	518	1 to 7.73
1904.....	3,803	18.14	525	1 to 7.24
1905.....	4,212	20.00	471	1 to 8.94
1906.....	4,378	20.80	475	1 to 9.21
1907.....	4,546	21.39	522	1 to 8.70
1908.....	4,098	19.20	569	1 to 7.20
1909.....	4,079	19.03	530	1 to 7.69
1910.....	5,110	23.73	555	1 to 9.20
1911.....	4,340	20.07	588	1 to 7.38

\* Population estimated for all but census years.

Table No. 31 gives the ratio of marriages to divorces for the years mentioned. Tables showing the  
 20 illegal causes of divorce may be found elsewhere in this report.

Table No. 32.

## Ratio of Divorces to Marriages, by Counties, for 1910.

Counties.	Number of marriages.	Number of divorces.	Ratio of divorces to marriages.
Rockingham.....	766	57	1 to 13.43
Strafford.....	481	44	1 to 10.93
Belknap.....	221	33	1 to 6.69
Carroll.....	136	19	1 to 7.15
Merrimack.....	458	75	1 to 6.10
Hillsborough.....	1,861	152	1 to 12.24
Cheshire.....	296	41	1 to 7.21
Sullivan.....	205	35	1 to 5.85
Grafton.....	397	72	1 to 5.51
Coös.....	289	27	1 to 10.70
Total.....	5,110	555	1 to 9.20

Table No. 33.

## Ratio of Divorces to Marriages, by Counties, for 1911.

Counties.	Number of marriages.	Number of divorces.	Ratio of divorces to marriages.
Rockingham.....	631	65	1 to 9.70
Strafford.....	395	43	1 to 9.18
Belknap.....	173	51	1 to 3.39
Carroll.....	134	37	1 to 3.62
Merrimack.....	408	72	1 to 5.66
Hillsborough.....	1,507	152	1 to 9.91
Cheshire.....	261	31	1 to 8.41
Sullivan.....	176	22	1 to 8.00
Grafton.....	357	79	1 to 4.51
Coös.....	298	36	1 to 8.27
Total.....	4,340	588	1 to 7.38

## DEATHS.

Table No. 34.

Deaths and Death Rates from 1884 to 1911, inclusive.

Years.	Deaths registered.	Deaths to 1,000 population.*	Population.*
1884.....	6,194	17.26	358,845
1885.....	6,201	17.13	361,806
1886.....	6,426	17.61	364,767
1887.....	6,479	17.61	367,728
1888.....	6,854	18.48	370,689
1889.....	6,696	17.91	373,650
1890.....	7,368	19.56	376,530
1891.....	7,310	19.24	379,896
1892.....	7,988	20.84	383,292
1893.....	7,663	19.81	386,719
1894.....	6,898	17.68	390,177
1895.....	6,929	17.60	393,665
1896.....	6,791	17.09	397,185
1897.....	7,027	17.53	400,737
1898.....	6,743	16.68	404,322
1899.....	7,045	17.27	407,938
1900.....	7,624	18.52	411,588
1901.....	6,975	16.86	413,486
1902.....	6,649	16.00	415,384
1903.....	6,969	16.70	417,282
1904.....	6,804	16.23	419,180
1905.....	7,339	17.42	421,078
1906.....	7,498	17.72	422,976
1907.....	7,486	17.61	424,874
1908.....	7,161	16.77	426,772
1909.....	7,282	16.98	428,670
1910.....	7,455	17.31	430,572
1911.....	7,410	17.13	432,474

\*Population estimated for all but census years.



Table No. 35.—*Concluded.*

Counties.	1898.		1899.		1900.		1901.		1902.		1903.		1904.		1905.		1906.		1907.		1908.		1909.		1910.		1911.	
	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.	Deaths.	Death rates.
Rockingham...	844	16.99	875	17.62	967	18.91	898	17.56	879	17.19	857	16.77	816	15.96	933	18.25	878	17.17	932	18.23	872	17.05	827	16.17	885	16.95	936	17.74
Strafford.....	707	18.39	729	18.96	780	19.57	643	16.34	597	15.18	636	16.17	660	16.77	711	18.07	671	17.05	606	16.93	645	16.39	612	16.32	689	17.68	628	16.12
Belknap.....	347	17.08	356	17.51	374	19.15	348	17.82	338	17.31	377	19.31	322	16.49	357	18.28	407	20.84	358	18.33	349	17.87	359	18.30	390	18.30	325	15.25
Carroll.....	277	15.28	290	16.00	303	17.93	210	12.43	261	15.45	278	16.45	244	14.44	278	16.45	269	15.92	274	16.21	256	15.15	254	15.03	203	17.95	297	18.20
Merrimack...	827	16.73	914	18.49	1,072	20.44	852	16.25	856	16.33	949	18.10	944	18.00	941	17.94	997	19.01	1,005	19.16	978	18.65	1,027	19.58	1,033	19.36	1,040	19.50
Hillsborough...	1,899	20.36	1,990	21.34	2,146	19.05	2,115	18.77	2,039	20.39	1,977	17.55	1,923	17.07	2,283	20.26	2,303	20.44	2,226	19.76	2,065	18.33	2,305	20.46	2,189	17.36	2,265	17.96
Cheshire.....	499	16.87	523	17.68	496	17.83	534	17.05	435	13.89	458	14.62	525	17.08	508	16.21	495	15.80	524	16.72	514	16.41	476	15.19	534	17.41	462	15.06
Sullivan.....	306	17.68	272	15.66	332	17.88	320	17.77	270	14.99	312	17.32	275	15.19	291	16.15	289	15.95	315	17.48	328	18.12	311	17.18	334	17.27	322	16.65
Grafton.....	638	17.14	662	17.78	719	17.60	677	16.57	611	14.96	678	16.59	634	17.03	622	15.22	744	18.21	706	17.28	679	16.62	689	16.86	659	15.82	686	16.46
Coccs.....	399	17.19	434	18.69	435	14.76	378	12.82	363	12.32	447	15.08	451	15.30	415	14.08	445	15.10	480	16.28	475	16.11	392	13.30	449	14.60	450	14.92
Total.....	6,743	17.91	7,045	18.71	7,624	18.52	6,975	16.94	6,649	16.15	6,969	16.93	6,804	16.53	7,339	17.83	7,498	18.21	7,486	18.18	7,161	17.39	7,282	17.69	7,455	17.31	7,410	17.20



Table No. 36.

## Mortality of Males and Females compared, 1884 to 1911, inclusive.

Years.	Male decedents.	Female decedents.	Male decedents to 100 female decedents.	Death rate of males to 1,000 male population.	Death rate of females to 1,000 of female population.
1884.....	3,034	3,122	97.18	17.79	17.69
1885.....	2,948	3,194	92.29	17.28	18.09
1886.....	3,155	3,212	98.20	18.50	18.20
1887.....	3,174	3,267	97.15	18.61	18.51
1888.....	3,419	3,382	101.09	20.04	19.16
1889.....	3,253	3,389	95.98	19.07	19.20
1890.....	3,692	3,624	101.87	21.65	20.53
1891.....	3,557	3,453	103.01	19.60	17.65
1892.....	3,981	3,990	99.77	21.33	21.00
1893.....	3,827	3,812	100.39	20.51	20.42
1894.....	3,392	3,498	96.97	18.18	18.41
1895.....	3,400	3,515	96.72	18.22	18.50
1896.....	3,364	3,415	98.51	18.03	17.98
1897.....	3,461	3,550	97.49	18.55	18.69
1898.....	3,403	3,335	102.04	18.24	17.55
1899.....	3,532	3,509	100.64	18.93	18.47
1900.....	3,771	3,847	98.02	18.36	18.65
1901.....	3,551	3,423	103.73	17.29	16.59
1902.....	*3,369	3,280	102.71	16.40	15.91
1903.....	†3,550	3,419	103.83	17.28	16.58
1904.....	3,400	3,404	99.88	16.55	16.50
1905.....	‡3,734	3,605	103.57	18.18	17.48
1906.....	§3,770	3,728	101.12	18.35	18.07
1907.....	3,872	3,614	107.13	18.85	17.52
1908.....	¶3,713	3,448	107.68	18.07	16.72
1909.....	‖3,807	3,475	109.55	18.53	16.85
1910.....	‡3,861	3,594	107.42	18.79	17.42
1911.....	‡3,827	3,583	106.80	18.62	17.37

\*One, sex not stated, classed with males. †Three, sex not stated, classed with males. ‡Two, sex not stated, classed with males. §One, sex not stated, classed with males. ||Six, sex not stated, classed with males. ¶One, sex not stated, classed with males. ‖Three, sex not stated, classed with males. ‡One, sex not stated, classed with males. ‡Two, sex not stated, classed with males.

Table No. 37.

Deaths at Age Periods, by Percentages, from 1883 to 1911, inclusive.\*

Years.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	Over 60.
1883.....	14.33	7.58	2.56	5.55	8.58	6.73	6.22	7.64	37.93
1884.....	16.22	7.36	2.61	5.30	7.93	6.26	6.33	7.75	38.38
1885.....	15.98	7.14	2.11	4.42	7.50	6.71	6.71	7.76	40.09
1886.....	16.89	7.70	2.86	4.82	7.73	6.55	6.12	7.47	38.86
1887.....	17.64	7.26	2.05	4.89	6.96	6.25	6.56	7.72	39.70
1888.....	19.23	7.63	2.04	4.93	7.07	6.00	5.53	7.57	38.72
1889.....	19.44	7.71	2.66	4.64	6.56	6.15	5.93	7.63	38.40
1890.....	16.23	6.67	1.99	4.28	7.04	7.42	6.62	9.17	40.49
1891.....	13.30	7.08	2.55	4.40	6.95	6.01	6.29	8.15	40.25
1892.....	16.17	6.64	2.18	4.39	6.70	6.63	6.60	8.76	41.77
1893.....	17.83	7.13	1.93	4.32	7.20	6.62	6.94	8.10	39.86
1894.....	17.52	7.31	2.47	3.89	7.06	7.03	6.35	8.54	39.78
1895.....	17.10	7.06	2.09	4.21	6.99	5.82	6.66	8.18	41.88
1896.....	18.08	7.90	2.03	4.31	7.10	6.49	6.14	8.49	39.46
1897.....	17.01	7.21	2.58	3.76	7.12	7.02	6.12	8.45	40.73
1898.....	17.93	7.37	1.83	3.32	6.84	6.69	6.24	8.78	41.00
1899.....	17.54	7.61	1.98	3.58	6.44	5.62	6.72	8.49	42.11
1900.....	17.23	7.72	2.29	3.75	6.75	6.03	6.48	8.79	40.91
1901.....	15.55	6.61	1.84	3.04	6.91	6.65	7.44	9.51	42.45
1902.....	16.21	7.16	2.02	3.49	6.19	6.42	7.14	9.39	41.98
1903.....	15.07	6.48	2.07	3.57	6.62	5.97	6.91	9.39	43.91
1904.....	15.47	5.37	1.82	3.23	6.17	7.09	7.12	9.65	44.07
1905.....	16.68	6.70	2.23	3.74	5.77	6.39	7.45	8.87	42.04
1906.....	18.53	6.14	1.96	3.64	5.34	6.87	6.84	8.52	42.14
1907.....	17.74	5.17	1.82	3.25	5.27	6.26	7.09	9.06	44.32
1908.....	18.98	5.56	1.63	3.03	5.56	5.86	7.30	9.19	42.89
1909.....	18.94	5.58	1.78	2.71	4.74	6.57	6.66	9.50	43.52
1910.....	18.53	4.93	1.69	2.71	5.32	5.79	6.84	9.73	44.46
1911.....	16.94	5.33	1.67	3.11	4.76	5.77	7.25	10.17	45.00

\*Not including those with age not stated, premature and still births.

Table No. 38.

Deaths at Different Periods, Compared with the Number Living  
at the Same Period, 1910.\*

	1910.	Persons living at same ages, census of 1900.	Death rate per 1,000.
Under 1 year.....	1,373	8,048	170.60
Under 5 years.....	1,738	38,231	45.46
20 to 30 years.....	394	73,992	5.32
All others.....	5,323	299,365	17.78
All ages.....	7,455	411,588	17.31

Table No. 39.

Deaths at Different Periods, Compared with the Number Living  
at the Same Period, 1911.

	1911.	Persons living at same ages, census of 1900.	Death rate per 1,000.
Under 1 year.....	1,247	8,048	154.94
Under 5 years.....	1,640	38,231	42.89
20 to 30 years.....	351	73,992	4.74
All others.....	5,419	299,365	18.10
All ages.....	7,410	411,588	17.20

\*Excluding still births and premature births.

Table No. 40.

Deaths by Ages and Sex, from 1884 to 1911, inclusive.\*

Years.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
1884. Males.....	460	243	72	136	224	168	180	245	322	502	292	30	1	60
Females.....	353	212	90	192	266	220	211	235	336	444	379	70		51
Not stated.....	3	1			1		1		1					4
Total.....	816	456	162	328	491	388	392	480	659	946	671	100	1	115
1885. Males.....	416	225	62	109	190	181	190	252	394	478	284	32	1	43
Females.....	371	217	68	164	275	235	226	225	355	463	398	74	2	50
Not stated.....	19	1	1	1				4	2	3				5
Total.....	805	443	131	274	465	416	416	481	751	944	682	106	3	98
1886. Males.....	487	273	94	132	205	188	198	228	368	499	317	42	2	33
Females.....	385	221	90	178	292	233	195	252	339	447	397	83	3	28
Not stated.....	19	1												3
Total.....	891	495	184	310	497	421	393	488	707	946	714	125	5	64
1887. Males.....	490	231	71	142	196	184	186	254	377	512	336	45	1	34
Females.....	416	239	61	175	255	221	239	246	358	494	350	93	6	28
Not stated.....	8		1											1
Total.....	914	470	133	317	451	405	425	500	735	1006	686	138	7	63
1888. Males.....	588	280	75	144	213	177	180	257	392	507	377	47	1	53
Females.....	459	243	65	194	271	241	199	262	375	511	360	79	5	21
Not stated.....	13													1
Total.....	1060	523	140	338	484	418	379	519	767	1018	737	126	6	87
1889. Males.....	536	269	90	131	187	186	175	241	381	492	342	43		29
Females.....	470	245	88	179	251	226	222	270	398	471	366	75	3	29
Not stated.....	8	2	1	1										1
Total.....	1014	516	178	311	439	412	397	511	779	963	708	118	3	59
1890. Males.....	609	250	73	143	229	242	220	308	422	576	368	52		59
Females.....	524	216	66	156	263	277	242	332	399	513	406	86	5	44
Not stated.....	13	2								1				10
Total.....	1146	468	139	299	492	519	462	640	821	1090	774	138	5	113
1891. Males.....	703	256	86	134	248	206	210	279	438	530	346	52		69
Females.....	551	231	90	170	232	208	225	284	395	507	412	97	3	48
Not stated.....	10	2			1									1
Total.....	1264	489	176	304	480	412	435	563	833	1037	758	149	3	118
1892. Males.....	681	251	79	155	219	226	228	312	502	631	397	40	2	88
Females.....	539	251	86	177	287	275	271	349	473	554	467	89	1	61
Not stated.....	5											3		
Total.....	1225	502	165	332	506	501	499	661	975	1185	864	129	6	149
1893. Males.....	716	251	69	146	238	227	225	292	478	568	342	35	5	72
Females.....	574	265	71	167	283	252	277	294	389	537	431	98	3	43
Not stated.....	6													4
Total.....	1296	516	140	313	521	479	502	586	867	1105	773	133	8	119
1894. Males.....	647	245	82	114	227	219	205	273	395	555	329	49		52
Females.....	545	254	87	152	255	261	229	310	396	533	381	76	1	18
Not stated.....	4													4
Total.....	1196	499	169	266	482	480	434	583	791	1088	710	125	1	74
1895. Males.....	638	236	74	143	205	182	222	262	457	556	332	45		48
Females.....	526	247	69	145	273	216	234	298	384	573	429	84	4	33
Not stated.....	6									1				7
Total.....	1170	483	143	288	478	398	456	560	841	1130	761	129	4	88
1896. Males.....	658	267	62	122	235	199	189	268	419	558	288	46		53
Females.....	545	263	74	167	241	236	223	301	413	489	344	89		30
Not stated.....	9													3
Total.....	1212	530	136	289	476	435	412	569	832	1047	632	135		86
1897. Males.....	673	256	83	130	223	187	203	291	405	533	380	43		54
Females.....	498	242	96	130	270	299	221	294	447	536	395	81		41
Not stated.....	7	1												8
Total.....	1178	499	179	260	493	486	424	585	852	1069	775	124		103

Table No. 40.—*Concluded.*

Years.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
1898. Males.....	679	266	58	111	201	215	200	277	425	556	316	52	2	45
Females.....	510	224	64	110	254	230	215	307	433	509	364	66	4	45
Not stated.....	4								1					
Total.....	1193	490	122	221	455	445	415	584	859	1065	680	118	6	90
1899. Males.....	663	296	74	110	212	179	235	285	426	598	366	34	2	52
Females.....	555	233	64	139	236	212	232	299	426	566	414	92	5	36
Not stated.....	2													2
Total.....	1220	529	138	249	448	391	467	584	852	1164	780	126	7	90
1900. Males.....	722	304	91	118	235	210	238	315	495	596	350	49	6	42
Females.....	578	278	82	165	275	245	251	349	457	588	451	95	2	31
Not stated.....	4	1												1
Total.....	1304	583	173	283	510	455	489	664	952	1184	801	144	8	74
1901. Males.....	603	232	62	103	242	233	256	336	475	580	355	41	1	32
Females.....	472	225	65	107	236	227	259	322	441	565	384	93	3	24
Not stated.....	1													
Total.....	1076	457	127	210	478	460	515	658	916	1145	739	134	4	56
1902. Males.....	593	240	70	104	211	209	225	305	449	558	320	46	4	34
Females.....	476	232	63	126	197	214	246	314	445	494	378	72	1	22
Not stated.....														1
Total.....	1069	472	133	230	408	423	471	619	894	1052	698	118	5	57
1903. Males.....	569	231	66	131	221	206	239	348	476	599	383	45		33
Females.....	472	217	77	116	237	207	239	301	476	562	401	91	3	20
Not stated.....	1													2
Total.....	1042	448	143	247	458	413	478	649	952	1161	784	136	3	55
1904. Males.....	577	183	65	107	176	236	250	334	450	574	360	50	3	35
Females.....	466	179	58	111	240	242	230	317	444	550	438	101	2	26
Not stated.....														
Total.....	1043	362	123	218	416	478	480	659	894	1124	798	151	5	61
1905. Males.....	659	255	84	118	189	217	290	341	506	598	377	50	1	47
Females.....	555	233	78	154	231	248	252	305	467	588	387	91	5	11
Not stated.....	2													
Total.....	1216	488	162	272	420	465	542	646	973	1176	764	141	6	58
1906. Males.....	772	237	75	137	174	226	252	327	490	619	364	63		33
Females.....	607	220	71	134	223	285	257	307	522	579	406	92	1	24
Not stated.....														1
Total.....	1379	457	146	271	397	511	509	634	1012	1198	770	155	1	58
1907. Males.....	726	217	60	126	200	224	269	350	544	675	398	46	2	29
Females.....	591	167	75	115	192	241	257	323	467	657	410	91	2	26
Not stated.....	6													
Total.....	1323	384	135	241	392	465	526	673	1011	1332	808	137	4	55
1908. Males.....	790	203	69	100	190	201	272	331	516	605	360	54		21
Females.....	562	193	47	116	206	216	248	324	418	594	404	104	1	15
Not stated.....	1													
Total.....	1353	396	116	216	396	417	520	655	934	1199	764	158	1	36
1909. Males.....	776	203	66	110	176	248	266	345	574	621	337	49	1	32
Females.....	591	201	63	86	167	227	216	342	452	604	432	77	1	16
Not stated.....	3													
Total.....	1370	404	129	196	343	475	482	687	1026	1225	769	126	2	48
1910. Males.....	792	192	71	99	203	205	264	398	558	632	417	*	*	30
Females.....	581	173	54	102	191	224	243	323	517	583	588			15
Total.....	1373	365	125	201	394	429	507	721	1075	1215	1005			45
1911. Males.....	666	195	65	122	169	224	255	409	539	670	482			31
Females.....	581	198	58	107	182	201	279	340	460	621	541			15
Total.....	1247	393	123	229	351	425	534	749	999	1291	1023			46

\*Classed under over 80.

Table No. 41.

Percentage of Deaths, by Ages and Sex, to Total Mortality,  
from 1884 to 1911, inclusive.

Years.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.
1884. Males.....	16.00	8.45	2.51	4.73	7.79	5.84	6.26	8.52	11.20	17.46	10.16	1.04	.04
Females.....	11.74	7.05	2.99	6.38	8.84	7.31	7.02	7.81	11.17	14.76	12.60	2.33	...
Total.....	13.82	7.73	2.75	5.57	8.33	6.60	6.65	8.16	11.18	16.08	11.41	1.70	.02
1885. Males.....	14.78	8.00	2.20	3.87	6.75	6.43	6.75	8.96	14.00	16.99	10.09	1.14	.04
Females.....	12.07	7.06	2.21	5.34	8.95	7.65	7.35	7.32	11.55	15.07	12.95	2.41	.07
Total.....	13.37	7.51	2.21	4.64	7.95	7.07	7.07	8.10	12.72	15.98	11.58	1.80	.05
1886. Males.....	16.06	9.00	3.10	4.35	6.75	6.20	6.53	7.52	12.13	16.45	10.45	1.39	.07
Females.....	12.36	7.10	2.89	5.71	9.37	7.48	6.26	8.09	10.88	14.35	12.74	2.67	.10
Total.....	14.18	8.04	2.99	5.04	8.08	6.85	6.39	7.81	11.50	15.39	11.62	2.03	.08
1887. Males.....	16.20	7.64	2.35	4.69	6.48	6.08	6.15	8.40	12.46	16.92	11.11	1.49	.03
Females.....	13.19	7.58	1.94	5.55	8.09	7.01	7.58	7.80	11.35	15.67	11.10	2.95	.19
Total.....	14.67	7.61	2.14	5.13	7.30	6.56	6.88	8.09	11.90	16.28	11.10	2.23	.11
1888. Males.....	18.16	8.65	2.31	4.45	6.58	5.47	5.56	7.94	12.10	15.66	11.64	1.45	.03
Females.....	14.06	7.45	1.99	5.94	8.30	7.38	6.10	8.03	11.49	15.66	11.03	2.42	.15
Total.....	16.10	8.04	2.15	5.20	7.44	6.43	5.83	7.98	11.80	15.66	11.34	1.94	.09
1889. Males.....	17.44	8.75	2.93	4.26	6.09	6.05	5.70	7.84	12.40	16.01	11.13	1.40	...
Females.....	14.40	7.51	2.70	5.48	7.69	6.92	6.80	8.27	12.20	14.43	11.21	2.30	.09
Total.....	15.88	8.11	2.81	4.89	6.91	6.50	6.27	8.06	12.29	15.20	11.17	1.86	.05
1890. Males.....	17.44	7.15	2.09	4.09	6.55	6.93	6.30	8.82	12.08	16.49	10.54	1.49	...
Females.....	15.03	6.19	1.89	4.47	7.54	7.94	6.94	9.52	11.45	14.72	11.65	2.46	.14
Total.....	16.23	6.67	1.99	4.28	7.04	7.43	6.62	9.17	11.76	15.60	11.09	1.97	.07
1891. Males.....	20.15	7.34	2.47	3.84	7.11	5.91	6.02	8.00	12.56	15.15	9.92	1.49	...
Females.....	16.18	6.78	2.61	4.99	6.81	6.11	6.61	8.34	11.60	14.88	12.09	2.85	.08
Total.....	18.19	7.06	2.55	4.41	6.96	6.01	6.31	8.16	12.08	15.04	10.99	2.16	.04
1892. Males.....	18.29	6.74	2.12	4.16	5.88	6.07	6.12	8.38	13.48	16.94	10.66	1.07	.05
Females.....	14.11	6.56	2.25	4.63	7.51	7.20	7.09	9.13	12.38	14.50	12.22	2.33	.02
Total.....	16.17	6.64	2.18	4.39	6.70	6.63	6.60	8.76	12.91	15.69	11.44	1.70	.03
1893. Males.....	19.93	6.98	1.92	4.07	6.62	6.31	6.26	8.13	13.30	15.81	9.52	.97	.14
Females.....	15.76	7.27	1.95	4.58	7.68	6.92	7.44	8.07	10.68	14.75	11.83	2.69	.08
Total.....	17.83	7.13	1.93	4.32	7.20	6.62	6.94	8.10	11.98	15.14	10.69	1.84	.11
1894. Males.....	19.37	7.33	2.45	3.41	6.79	6.55	6.13	8.17	11.82	16.61	9.85	1.46	...
Females.....	15.66	7.58	2.50	4.36	7.32	7.50	6.58	8.90	11.38	15.31	10.94	2.18	.02
Total.....	17.47	7.31	2.47	3.90	7.06	7.04	6.36	8.54	11.59	15.95	10.41	1.83	.01
1895. Males.....	19.03	7.04	2.21	4.26	6.12	5.43	6.62	7.81	13.63	16.58	9.90	1.34	...
Females.....	15.11	7.09	1.98	4.16	7.84	6.20	6.72	8.56	11.03	16.45	12.32	2.41	.11
Total.....	17.07	7.07	2.09	4.21	6.99	5.82	6.67	8.19	12.31	16.52	11.13	1.88	.06
1896. Males.....	19.87	8.06	1.87	3.66	7.09	6.01	5.71	8.09	12.68	16.85	8.70	1.39	...
Females.....	16.10	7.77	2.19	4.94	7.12	6.96	6.59	8.89	12.20	14.46	10.16	2.62	...
Total.....	18.95	7.92	2.03	4.32	7.11	6.49	6.15	8.49	12.43	15.64	9.43	2.02	...
1897. Males.....	19.75	7.51	2.44	3.82	6.55	5.49	5.96	8.54	11.89	15.64	11.15	1.26	...
Females.....	14.19	6.89	2.74	3.70	7.69	8.52	6.30	8.38	12.74	15.27	11.26	2.31	...
Total.....	16.93	7.20	2.59	3.76	7.03	7.03	6.13	8.46	12.32	15.45	11.21	1.79	...



Table No. 41.—*Concluded.*

Years.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.
1898. Males.....	20.22	7.92	1.73	3.31	5.98	6.40	5.98	8.25	12.65	16.56	9.40	1.55	.05
Females.....	15.50	6.81	1.95	3.34	7.72	6.99	6.53	9.33	13.16	15.47	11.07	2.01	.12
Total.....	17.89	7.37	1.83	3.32	6.84	6.69	6.24	8.79	12.91	16.02	10.23	1.78	.09
1899. Males.....	19.05	8.51	2.13	3.16	6.09	5.14	6.76	8.19	12.24	17.18	10.52	.97	.06
Females.....	15.98	6.71	1.84	4.00	6.79	6.11	6.68	8.61	12.27	16.30	11.92	2.65	.14
Total.....	17.52	7.61	1.98	3.58	6.44	5.62	6.72	8.40	12.25	16.74	11.22	1.81	.10
1900. Males.....	19.37	8.15	2.44	3.17	6.30	5.63	6.38	8.45	13.28	15.98	9.39	1.30	.16
Females.....	15.15	7.29	2.15	4.32	7.21	6.42	6.58	9.14	11.98	15.40	11.82	2.49	.05
Total.....	17.23	7.72	2.29	3.75	6.75	6.03	6.48	8.79	12.62	15.70	10.62	1.91	.11
1901. Males.....	17.13	6.59	1.76	2.93	6.88	6.62	7.27	9.55	13.50	16.48	10.09	1.17	.03
Females.....	13.89	6.62	1.91	3.15	6.94	6.68	7.62	9.47	12.98	16.62	11.29	2.74	.09
Total.....	15.54	6.61	1.84	3.04	6.91	6.65	7.44	9.51	13.24	16.55	10.68	1.93	.06
1902. Males.....	17.78	7.19	2.09	3.12	6.33	6.27	6.75	9.15	13.47	16.73	9.53	1.38	.11
Females.....	14.61	7.12	1.93	3.86	6.04	6.57	7.55	9.64	13.63	15.15	11.60	2.22	.03
Total.....	16.21	7.16	2.02	3.49	6.19	6.42	7.14	9.39	13.55	15.96	10.59	1.81	.07
1903. Males.....	16.19	6.57	1.87	3.72	6.29	5.86	6.80	9.90	13.54	17.05	10.89	1.28	...
Females.....	14.13	6.49	2.31	3.17	7.09	6.20	7.15	9.01	14.25	16.83	11.79	2.67	.08
Total.....	15.07	6.48	2.07	3.57	6.62	5.97	6.91	9.39	13.77	16.79	11.34	1.97	.04
1904. Males.....	17.14	5.43	1.93	3.18	5.23	7.01	7.43	9.92	16.34	17.06	10.69	1.48	.08
Females.....	13.79	5.29	1.71	3.29	7.10	7.16	6.81	9.38	13.14	16.28	12.97	2.99	.05
Total.....	15.47	5.37	1.82	3.23	6.17	7.09	7.12	9.65	13.26	16.67	11.83	2.24	.07
1905. Males.....	17.88	6.92	2.28	3.20	5.13	5.88	7.88	9.25	13.73	16.23	10.23	1.38	...
Females.....	15.44	6.48	2.17	4.28	6.43	6.30	7.01	8.49	12.97	16.21	10.77	2.53	.13
Total.....	16.68	6.70	2.23	3.74	5.77	6.39	7.45	8.87	13.37	16.16	10.49	1.95	.07
1906. Males.....	20.67	6.34	2.00	3.67	4.66	6.05	6.74	8.75	13.12	16.57	9.74	1.68	...
Females.....	16.39	5.94	1.92	3.62	6.02	7.69	6.94	8.29	14.09	15.63	10.96	2.48	.02
Total.....	18.53	6.14	1.96	3.64	5.34	6.87	6.84	8.52	13.60	16.10	10.35	2.08	.01
1907. Males.....	18.92	5.66	1.56	3.28	5.21	5.84	7.00	9.12	14.17	17.59	10.37	1.22	.05
Females.....	16.47	4.65	2.09	3.20	5.35	6.72	7.16	9.00	13.02	18.33	11.43	2.53	.05
Total.....	17.74	5.17	1.82	3.25	5.27	6.26	7.09	9.06	13.61	17.94	10.88	1.84	.05
1908. Males.....	21.40	5.49	1.87	2.71	5.15	5.45	7.37	8.97	13.98	16.39	9.75	1.46	...
Females.....	16.37	5.62	1.37	3.38	6.00	6.29	7.22	9.44	12.18	17.30	11.77	3.03	.03
Total.....	18.98	5.56	1.63	3.03	5.56	5.86	7.30	9.19	13.11	16.83	10.72	2.22	.01
1909. Males.....	20.57	5.38	1.74	2.91	4.66	6.57	7.05	9.14	15.21	16.46	8.93	1.29	.02
Females.....	17.01	5.81	1.82	2.48	4.82	6.56	6.24	9.88	13.06	17.46	12.48	2.22	.02
Total.....	18.93	5.58	1.78	2.71	4.74	6.56	6.66	9.50	14.18	16.94	10.63	1.77	.02
1910. Males.....	20.67	5.01	1.85	2.58	5.30	5.35	6.89	10.39	14.57	16.50	10.89	...	...
Females.....	16.23	4.83	1.51	2.85	5.34	6.26	6.79	9.02	14.45	16.29	16.40	...	...
Total.....	18.53	4.93	1.69	2.71	5.32	5.79	6.84	9.73	14.51	16.39	13.56	...	...
1911. Males.....	17.49	5.14	1.71	3.22	4.45	5.90	6.72	10.78	14.21	17.66	12.70	...	...
Females.....	16.28	5.55	1.63	2.99	5.10	5.63	7.82	9.53	12.89	17.40	15.16	...	...
Total.....	16.94	5.33	1.67	3.11	4.76	5.77	7.25	10.17	13.57	17.54	13.89	...	...

\*Excluding those with age and sex not stated, and premature and still births.

Table No. 42.  
Total Deaths by Seasons, 1910.\*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months .....	700	580	658	651	632	519	572	700	662	578	580	623
Quarters .....	1,938			1,802			1,934			1,781		
Percentages .....	25.99			24.15			25.94			23.89		
Half years .....	3,740						3,715					
Percentages .....	50.17						49.83					
Total deaths .....	7,455											

\*Not including deaths with month not stated, and still births.

Table No. 43.  
Total Deaths by Seasons, 1911.\*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months .....	704	655	689	655	579	546	763	592	600	534	511	582
Quarters .....	2,048		1,780			1,955			1,627			
Percentages .....	27.64		24.02			26.38			21.96			
Half years .....	3,828						3,582					
Percentages .....	51.66						48.34					
Total deaths .....	7,410											

\*Not including deaths with month not stated, and still births.

## No. 44.

## Nativity of Persons Deceased from 1884 to 1911, inclusive.

Years.	Total deaths*.	Native born.		Foreign born.	
		Deaths.	Percentage.	Deaths.	Percentage.
1884.....	6,194	4,868	89.01	601	10.99
1885.....	6,201	4,847	89.35	578	10.65
1886.....	6,426	4,989	88.52	647	11.48
1887.....	6,479	5,131	88.03	698	11.97
1888.....	6,854	5,449	87.53	776	12.47
1889.....	6,696	5,383	88.00	734	12.00
1890.....	7,368	5,672	86.45	898	13.55
1891.....	7,310	5,637	86.52	878	13.47
1892.....	7,988	6,155	86.82	934	13.17
1893.....	7,663	5,847	85.03	1,029	14.97
1894.....	6,898	5,310	85.01	936	14.99
1895.....	6,929	5,428	85.05	954	14.95
1896.....	6,791	5,196	83.73	1,010	16.27
1897.....	7,027	5,387	83.95	1,030	16.05
1898.....	6,743	5,296	84.83	947	15.17
1899.....	7,045	5,482	84.01	1,043	15.99
1900.....	7,624	5,975	83.54	1,177	16.46
1901.....	6,975	5,417	82.64	1,138	17.36
1902.....	6,649	5,197	82.86	1,075	17.14
1903.....	6,969	5,361	81.66	1,204	18.34
1904.....	6,804	5,362	83.13	1,088	16.87
1905.....	7,339	5,734	82.07	1,253	17.93
1906.....	7,498	5,871	82.10	1,280	17.90
1907.....	7,486	5,368	75.29	1,761	24.71
1908.....	7,161	5,609	81.97	1,234	18.03
1909.....	7,282	5,643	81.05	1,319	18.95
1910.....	7,455	5,805	81.25	1,340	18.75
1911.....	7,410	5,742	81.27	1,323	18.73

\*Including those whose nativity was not recorded. In the calculations of percentages the rates are not given to the *total* reported deaths, but only to the total of those cases where the nativity was stated.

Table No. 45.  
Deaths from Various Causes for Twenty-eight Years—1884-1911.

Years.	Typhoid fever.		Smallpox.		Measles.		Scarlet fever.		Whooping cough.		Diphtheria.		Membranous croup.		Influenza.		Dysentery.		Erysipelas.		Tuberculosis of lungs.		Cancer.		Meningitis*.		Apoplexy.		Paralysis.		Heart disease.		Bronchitis (acute and chronic).		Pneumonia.		Diarrhea and enteritis (cholera infantum).		Bright's disease.		Senile debility (old age).																	
	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	Total	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	
	137	136	194	134	150	161	143	170	109	121	135	99	139	92	108	92	100	89	72	86	76	56	76	49	75	48	42	53	2942	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	
	2	2	5	6	6	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	
	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911
	4	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	
	5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911		
	6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911			
	7	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911				
	8	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911					
	9	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911						
	10	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911							
	11	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911								
	12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911									
	13	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911										
	14	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911											
	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911												
	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911													
	17	17	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911														
	18	18	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911															
	19	19	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																
	20	20	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																	
	21	21	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																		
	22	22	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																			
	23	23	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																				
	24	24	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																					
	25	25	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																						
	26	26	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																							
	27	27	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																								
	28	28	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																									
	29	29	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																										
	30	30	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911																											
	31	31	20	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901</																																					

\*Including cephalitis, cerebritis, and encephalitis.

## CONSUMPTION (PULMONARY TUBERCULOSIS.)

Table No. 46.

Deaths from Consumption (Pulmonary Tuberculosis) in New Hampshire for Twenty-eight Years, by Age Periods.

Years.	Total.	1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.
1884.....	868	50	113	218	145	93	78	64	67	21	19
1885.....	857	49	98	219	161	109	75	75	43	19	9
1886.....	809	44	87	233	152	94	67	71	37	18	6
1887.....	766	34	88	193	145	101	78	55	46	21	5
1888.....	742	48	88	219	137	71	62	55	42	15	5
1889.....	651	36	81	147	120	77	56	65	53	10	6
1890.....	825	49	77	200	156	113	65	72	63	23	7
1891.....	695	47	87	174	131	89	67	37	43	10	10
1892.....	736	28	88	178	150	184	67	71	41	20	9
1893.....	737	45	71	204	139	92	65	64	34	14	9
1894.....	714	50	70	200	150	82	59	45	45	8	5
1895.....	693	31	66	210	129	85	60	49	51	10	2
1896.....	679	41	81	180	130	85	59	49	37	9	8
1897.....	697	36	79	225	143	70	46	49	32	12	5
1898.....	607	26	53	181	143	66	52	47	22	7	10
1899.....	582	26	57	169	103	80	65	38	28	10	6
1900.....	650	36	70	193	120	76	45	61	44	1	4
1901.....	629	42	57	178	130	71	53	48	40	7	3
1902.....	569	23	62	138	134	83	51	43	24	5	6
1903.....	530	26	47	141	107	66	54	49	31	7	2
1904.....	575	30	43	181	126	74	54	43	18	3	3
1905.....	571	28	54	143	131	95	49	45	20	3	3
1906.....	538	34	54	138	136	76	36	31	22	8	3
1907.....	465	19	39	125	111	67	46	29	21	6	2
1908.....	471	23	46	126	95	69	37	46	21	8	....
1909.....	466	19	41	116	121	68	42	34	19	5	1
1910.....	479	19	36	125	94	78	52	48	22	3	2
1911.....	433	12	48	113	103	63	39	33	16	4	2
Total.....	18,034	951	1,881	4,867	3,642	2,277	1,579	1,416	982	287	152

Table No. 47.  
Mortality from Consumption 1884 to 1911, inclusive.\*

Years.	Deaths.	Percentages of deaths to deaths from all causes.	Death rate per 10,000 living population (estimated).
1884.....	868	14.01	24.10
1885.....	857	13.82	23.68
1886.....	809	12.58	22.17
1887.....	766	11.82	20.82
1888.....	742	10.82	20.01
1889.....	651	9.72	17.42
1890.....	825	11.19	21.91
1891.....	695	9.51	18.31
1892.....	736	9.21	19.24
1893.....	737	9.62	19.13
1894.....	714	10.35	18.38
1895.....	693	10.00	17.71
1896.....	679	9.99	17.22
1897.....	697	9.92	17.55
1898.....	607	9.00	15.16
1899.....	582	8.26	14.43
1900.....	650	8.20	15.79
1901.....	629	9.02	15.21
1902.....	569	8.55	13.69
1903.....	530	7.57	12.70
1904.....	575	8.45	13.71
1905.....	571	7.78	13.56
1906.....	538	7.17	12.71
1907.....	465	6.21	10.94
1908.....	471	6.57	11.03
1909.....	466	6.39	10.87
1910.....	470	6.42	11.12
1911.....	433	5.84	10.01
Total.....	18,034		

\*Population estimated for all but census years.



Table No. 48.

Deaths from Consumption by Nativity, Civil Condition and Sex,  
by Counties, for 1910.

Counties.	Sex.	American.	Foreign.	Not stated.	Married.	Single.	Widowed.	Not stated.	Total.	Grand total.
Rockingham.....	Males.....	21	5	2	9	16	1	2	28	54
	Females.....	20	4	2	12	9	4	1	26	
Strafford.....	Males.....	23	9	....	17	12	2	1	32	67
	Females.....	20	14	1	17	13	*2	3	35	
Belknap.....	Males.....	4	2	1	4	2	1	....	7	22
	Females.....	9	6	9	9	3	*3	....	15	
Carroll.....	Males.....	6	1	3	3	3	1	....	7	16
	Females.....	7	2	....	6	2	1	....	9	
Merrimack.....	Males.....	28	12	2	19	17	6	....	42	67
	Females.....	18	6	1	9	7	*6	3	25	
Hillsborough.....	Males.....	43	40	2	38	34	*4	9	85	159
	Females.....	33	40	1	48	14	*8	4	74	
Cheshire.....	Males.....	11	2	....	8	4	1	....	13	25
	Females.....	9	3	....	7	3	2	....	12	
Sullivan.....	Males.....	7	3	....	5	4	1	....	10	20
	Females.....	8	2	....	6	4	....	....	10	
Grafton.....	Males.....	13	3	1	6	11	....	....	17	34
	Females.....	13	4	....	7	7	2	1	17	
Coos.....	Males.....	11	1	....	6	6	....	....	12	15
	Females.....	2	1	....	3	....	....	....	3	
Total for state Males.....		167	78	8	115	109	17	12	253	479
Females.....		139	82	5	124	62	28	12	226	
Grand total.....		306	160	13	239	171	45	24	479	

\*One divorced.

Table No. 49.

Deaths from Consumption by Nativity, Civil Conditions and Sex,  
by Counties, for 1911.

Counties.	Sex.	American.	Foreign.	Not stated.	Married.	Single.	Widowed.	Not stated.	Total.	Grand total.
Rockingham.....	Males.....	16	7	3	15	6	*4	1	26	.....
	Females.....	17	4	...	12	5	*4	...	21	47
Strafford.....	Males.....	14	7	2	9	11	...	3	23	.....
	Females.....	18	7	...	10	8	7	...	25	48
Belknap.....	Males.....	7	...	...	5	...	...	...	7	.....
	Females.....	9	...	1	3	6	1	...	10	17
Carroll.....	Males.....	2	...	1	1	1	1	...	3	.....
	Females.....	5	2	...	7	...	...	...	7	10
Merrimack.....	Males.....	24	13	2	15	18	1	5	39	.....
	Females.....	16	13	5	17	12	4	1	34	73
Hillsborough.....	Males.....	33	31	1	29	30	3	3	65	.....
	Females.....	41	36	4	37	34	*7	3	81	146
Cheshire.....	Males.....	6	...	...	2	4	...	...	6	.....
	Females.....	7	2	...	4	5	...	...	9	15
Sullivan.....	Males.....	6	2	...	4	4	...	...	8	.....
	Females.....	6	5	1	4	7	1	...	12	20
Grafton.....	Males.....	11	5	3	6	9	4	...	19	.....
	Females.....	16	2	...	10	5	3	...	18	37
Cooks.....	Males.....	9	3	...	6	5	...	1	12	.....
	Females.....	5	3	...	3	3	1	1	8	20
Total for state	Males.....	128	68	12	92	90	13	13	208	.....
	Females.....	140	74	11	107	85	28	5	225	433
Grand total.....		268	132	23	199	175	41	18	433	.....

\*One divorced.

Table No. 50.

Mortality from Consumption by Counties, with Percentages of Deaths to Total Mortality, from 1884 to 1911, inclusive.

Counties.	1884.		1885.		1886.		1887.		1888.		1889.		1890.		1891.		1892.		1893.		1894.		1895.		1896.		1897.	
	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.
Roekingham	130	14.89	134	14.70	142	14.74	130	14.84	96	10.71	88	10.05	134	12.58	85	8.57	133	12.96	113	10.94	101	11.21	99	10.88	92	10.50	96	10.53
Strafford	105	16.74	96	15.50	96	15.76	80	11.88	93	13.51	75	10.85	117	14.60	94	11.62	84	9.72	78	10.51	78	12.64	65	10.42	65	9.63	93	12.93
Belknap	54	18.94	50	17.30	37	10.22	48	13.00	46	11.73	42	10.79	40	10.69	44	11.23	35	7.95	47	12.74	43	11.28	32	9.46	31	8.96	37	11.14
Carroll	46	13.81	33	12.26	41	13.53	33	11.22	26	7.92	29	9.73	25	8.25	32	9.38	36	10.53	36	11.80	26	8.69	26	8.75	21	7.39	29	10.28
Merrinack	91	12.36	102	12.81	79	9.48	96	11.49	101	10.97	88	9.87	114	11.59	89	9.36	100	9.40	108	10.16	112	11.75	91	9.78	79	8.91	71	8.14
Hillsborough	229	13.83	233	13.69	218	12.96	179	10.55	209	11.32	168	9.64	204	10.33	197	10.06	175	8.36	190	9.03	194	10.19	182	9.19	234	11.61	193	9.43
Cheshire	62	12.47	75	15.18	60	12.63	50	10.37	47	9.63	53	10.09	51	9.15	49	10.16	56	9.21	48	8.06	48	9.34	50	9.76	39	8.90	50	10.44
Sullivan	36	13.18	36	12.67	45	13.72	32	11.30	36	11.00	28	8.91	32	9.63	20	7.15	27	7.07	32	8.84	32	9.81	40	12.66	39	13.65	31	9.84
Grafton	83	12.73	70	11.45	72	11.72	80	13.28	63	9.61	58	9.27	70	10.75	57	8.79	58	7.77	53	7.61	52	8.15	71	10.43	51	8.04	63	9.14
Cos.	32	12.16	28	12.33	19	7.42	38	10.32	25	7.96	22	6.32	38	11.51	28	6.10	32	7.60	32	8.10	28	7.63	37	10.85	28	8.19	34	8.92
Total	868	14.01	857	13.82	809	12.85	766	11.82	742	10.82	651	9.72	825	11.19	695	9.51	736	9.21	737	9.62	714	10.35	693	10.00	679	9.99	697	9.92

Table No. 50.—*Concluded.*

Counties.	1898.		1899.		1900.		1901.		1902.		1903.		1904.		1905.		1906.		1907.		1908.		1909.		1910.		1911.	
	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.	Deaths.	Percentages.
Rockingham.	84	9.95	78	8.91	83	8.91	73	8.13	78	8.87	66	7.70	83	10.17	71	7.60	72	8.20	79	8.47	68	7.79	63	7.61	54	6.10	47	5.07
Strafford.	73	10.32	67	9.18	75	9.61	76	11.83	73	12.22	64	10.06	69	10.45	48	6.75	56	8.34	45	6.75	55	8.52	46	7.16	67	9.72	48	7.64
Belknap.	28	8.07	27	7.58	39	10.43	28	8.05	28	8.28	33	8.75	22	6.83	18	5.04	30	7.37	23	6.42	27	7.73	22	6.12	22	5.63	17	5.20
Carroll.	30	10.83	19	6.55	24	7.92	23	10.95	23	8.81	17	6.11	22	9.01	25	8.99	15	5.57	12	4.37	21	8.20	19	7.48	16	5.46	10	3.39
Merrimack.	75	9.06	67	7.33	65	6.06	67	7.86	78	9.11	64	6.74	65	6.88	82	8.71	60	6.01	66	6.56	59	6.03	80	7.78	67	6.48	73	7.01
Hillsborough.	176	9.26	191	9.59	206	9.59	210	9.93	157	7.69	159	8.04	182	9.46	199	8.71	183	7.94	136	6.10	134	6.48	147	6.37	159	7.21	146	6.44
Cheshire.	38	7.61	36	6.88	46	9.28	46	8.61	26	5.97	30	6.55	40	7.61	39	7.67	35	7.07	28	5.34	31	6.02	26	5.46	25	4.66	15	3.24
Sullivan.	30	9.80	18	6.62	24	7.23	27	8.44	22	8.15	21	6.73	17	6.18	20	6.87	27	9.34	18	5.71	22	6.07	11	3.53	20	5.98	20	6.21
Grafton.	46	7.21	53	8.01	63	8.76	42	6.20	56	9.16	45	6.64	40	6.30	42	6.75	37	4.97	39	5.52	31	4.56	27	3.91	34	5.15	37	5.39
Coin.	27	6.77	26	5.99	25	5.75	37	9.78	28	7.71	31	6.93	35	7.76	27	6.50	23	5.16	19	3.95	23	4.84	25	6.37	15	3.34	20	4.44
Total.	607	9.00	582	8.26	650	8.20	629	9.02	569	8.55	530	7.57	575	8.45	571	7.78	538	7.17	465	6.21	471	6.57	466	6.39	479	6.42	433	5.84

Table No. 51.  
 Percentage of Deaths from Consumption to the Total Mortality of the Cities of the State, for the Years 1883 to 1911, inclusive.

	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.
Manchester	14.89	14.28	13.03	15.01	11.15	12.37	9.30	10.29	10.40	8.77	8.49	9.44	8.24	12.08	10.16	9.01	9.84	10.47	9.48	7.38	7.41	8.90	8.33	7.40	5.91	7.89	6.82	7.05	6.29
Concord	11.41	8.66	10.68	8.60	10.13	10.23	9.81	9.13	9.30	8.43	9.15	11.69	9.01	9.09	6.73	6.78	6.65	5.45	8.89	7.97	6.07	7.42	9.43	6.54	6.50	5.00	8.20	7.31	6.88
Nashua	16.96	13.72	14.86	10.49	9.73	8.20	8.64	10.69	10.29	6.47	7.69	8.57	7.96	8.48	12.25	10.61	8.39	9.05	9.95	10.51	9.66	10.75	12.07	6.88	7.33	4.08	4.60	8.69	6.07
Dover	20.97	16.60	16.17	21.17	14.57	12.01	10.31	16.40	12.01	11.18	13.03	14.28	11.06	10.25	9.97	10.49	12.33	10.48	10.69	8.00	8.41	11.61	7.95	8.40	6.81	10.74	9.87	8.89	8.87
Portsmouth	16.02	14.74	12.18	17.84	16.26	13.26	7.73	14.34	8.17	17.61	10.08	13.66	21.11	13.66	14.59	9.33	9.39	9.75	8.41	5.50	8.78	17.08	9.89	8.19	9.69	9.40	7.34	4.94	4.09
Keene	16.91	16.00	22.80	16.00	11.90	9.47	9.62	10.25	11.90	13.77	9.43	10.34	11.11	9.01	9.02	11.36	6.76	11.46	10.65	4.16	6.06	9.33	8.92	5.42	5.00	4.40	8.27	5.05	2.76
Rochester									11.80	9.70	5.31	10.08	11.36	8.47	15.09	13.01	13.75	10.63	18.80	21.60	11.97	12.66	10.96	4.13	5.12	8.00	3.90	9.65	5.17
Laconia										7.75	11.49	15.00	9.28	12.24	13.53	12.69	9.03	13.04	11.24	8.82	10.36	9.85	5.22	9.74	7.92	13.79	8.23	5.88	7.14
Somersworth										11.68	11.20	8.54	8.33	10.94	17.01	9.09	4.91	10.15	7.50	14.87	8.77	10.78	5.40	5.26	7.09	6.12	8.16	9.67	6.52
Franklin												11.11	7.02	13.89	9.52	8.33	8.82	5.00	7.14	10.22	7.52	6.89	10.58	9.30	6.17	7.95	5.94	7.00	2.17
Berlin														5.05	5.26	1.84	5.26	4.85	10.56	6.14	4.73	4.37	3.55	5.37	1.91	3.66	5.75	7.36	3.72

## PNEUMONIA.

Table No. 52.

Mortality from Pneumonia in New Hampshire from 1883 to 1911, inclusive, by Ages.

Years.	Under 1.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Unknown.	Total.
1883.....	82	....	5	8	12	30	21	36	45	86	94	66	13	498
1884.....	51	48	3	3	6	27	23	30	36	50	97	54	8	436
1885.....	69	49	8	4	11	15	27	32	37	72	105	74	1	504
1886.....	57	38	13	6	13	17	24	29	49	68	92	53	7	466
1887.....	68	33	7	5	13	28	32	40	48	89	121	68	4	556
1888.....	67	45	6	10	19	40	49	51	62	67	123	81	8	628
1889.....	61	50	8	12	17	29	36	40	48	98	100	79	4	582
1890.....	73	48	9	10	11	35	46	45	79	106	127	107	7	703
1891.....	73	43	15	6	11	43	31	38	74	109	126	95	9	673
1892.....	77	49	13	6	12	41	61	60	95	147	190	128	11	890
1893.....	86	65	15	5	15	36	39	55	60	95	120	88	6	685
1894.....	88	62	13	4	11	29	38	48	63	87	103	83	4	633
1895.....	69	62	11	8	16	27	32	46	57	101	127	74	9	639
1896.....	103	96	8	5	10	22	29	35	34	68	82	63	2	557
1897.....	122	82	13	7	9	22	36	33	56	78	100	87	5	650
1898.....	84	68	12	7	9	25	35	34	31	59	101	55	4	524
1899.....	130	97	19	9	19	25	39	46	50	85	129	99	6	753
1900.....	142	125	14	11	18	48	64	76	95	112	141	88	8	942
1901.....	105	82	13	3	9	41	35	65	55	78	136	89	5	716
1902.....	118	86	14	7	10	35	31	32	51	76	82	73	3	618
1903.....	127	87	19	11	17	26	42	40	54	85	95	78	5	686
1904.....	94	68	12	6	12	27	46	40	60	65	116	84	5	635
1905.....	110	86	13	6	16	26	36	51	54	76	110	100	6	690
1906.....	63	46	9	7	10	18	25	37	61	80	97	63	9	525
1907.....	72	47	11	9	14	26	36	47	47	89	128	74	2	602
1908.....	62	48	11	5	4	24	23	40	44	73	84	71	2	491
1909.....	85	53	12	7	17	31	47	33	44	85	91	71	4	580
1910.....	69	44	7	5	9	33	40	38	71	96	96	72	1	581
1911.....	72	56	11	13	5	22	30	39	64	114	112	70	5	613
Total.....	2479	1763	324	205	355	848	1053	1236	1624	2494	3225	2287	163	18,056



Table No. 53.

**Mortality from Pneumonia by Months from 1884 to 1911,  
inclusive.**

Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not stated.
1884.....	55	55	51	52	32	13	14	11	5	28	51	67	2
1885.....	53	59	101	95	35	25	13	10	10	33	38	32	....
1886.....	32	44	73	51	51	33	22	18	18	24	46	54	....
1887.....	71	73	85	85	49	17	13	13	14	34	47	54	1
1888.....	72	95	75	73	76	24	16	23	21	43	36	72	2
1889.....	69	66	79	102	51	22	15	19	16	53	41	49	....
1890.....	213	74	69	43	47	35	18	9	23	23	69	79	1
1891.....	73	60	82	72	95	41	13	7	14	23	37	152	4
1892.....	384	110	83	86	57	21	5	11	19	21	34	54	5
1893.....	75	71	95	87	67	38	18	14	14	24	48	133	1
1894.....	141	91	66	75	57	30	16	17	18	27	47	47	1
1895.....	89	91	141	78	34	29	14	15	16	29	35	66	2
1896.....	62	63	167	58	61	27	25	12	22	53	38	69	....
1897.....	84	87	261	67	48	30	15	8	22	33	41	54	....
1898.....	58	57	48	67	80	26	11	11	19	24	44	78	1
1899.....	168	114	82	91	44	25	28	17	24	35	28	97	....
1900.....	124	91	145	226	104	45	19	20	21	35	49	63	....
1901.....	79	134	126	81	67	35	10	14	13	37	49	71	....
1902.....	72	75	68	73	69	32	16	18	29	33	52	81	....
1903.....	93	111	89	66	64	23	29	17	18	35	62	79	....
1904.....	75	101	117	74	45	14	16	12	28	38	47	68	....
1905.....	97	125	116	82	52	25	27	12	22	30	51	51	....
1906.....	73	72	87	58	37	21	13	7	17	34	39	67	....
1907.....	124	84	72	67	53	33	14	10	21	31	39	54	....
1908.....	83	55	63	67	43	22	7	10	18	30	44	49	....
1909.....	52	83	102	74	61	36	19	9	21	30	45	48	....
1910.....	90	87	84	73	56	25	10	14	13	24	43	62	....
1911.....	87	89	109	66	54	27	12	21	19	36	43	50	....
Total.....	2748	2317	2536	2189	1589	774	448	379	515	900	1243	1900	20

Table No. 54.  
Mortality from Pneumonia by Counties from 1883 to 1911, inclusive.

Counties.	Years.																											Grand total.		
	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909		1910	1911
Rockingham.....	54	45	63	77	70	83	66	90	77	96	88	83	83	65	83	62	83	110	110	74	66	71	86	76	75	54	62	74	86	
Straford.....	39	39	48	37	46	52	38	80	73	96	65	66	58	64	68	56	75	129	61	39	60	51	70	39	47	41	57	51	60	
Beknap.....	30	18	24	25	44	50	37	42	28	55	31	46	29	28	27	33	30	48	28	26	39	27	35	24	25	28	22	24	26	
Carroll.....	9	30	27	15	33	46	49	37	42	50	19	32	28	22	28	23	41	36	17	20	29	23	34	29	30	32	21	40	33	
Merrimack.....	76	50	72	60	85	73	86	94	73	137	95	85	83	73	70	53	86	157	80	83	93	89	73	68	85	68	91	64	80	
Hillsborough.....	141	110	128	112	128	129	131	158	185	175	159	154	175	159	189	154	228	236	220	205	201	177	213	153	162	112	163	165	169	
Cheshire.....	34	36	52	39	55	55	52	44	54	86	64	50	44	25	38	30	61	61	44	28	36	42	57	32	40	34	46	39	46	
Sullivan.....	21	21	22	23	22	30	31	32	31	62	45	31	32	23	36	25	37	37	36	31	40	41	18	20	27	24	33	41	25	
Grafton.....	68	66	48	54	52	77	64	74	53	84	71	53	66	61	75	54	59	81	74	67	72	65	49	52	55	54	48	48	54	
Cooks.....	26	21	20	24	21	33	26	52	57	49	48	33	41	37	36	34	53	47	46	45	50	49	55	32	56	44	37	35	34	
Total.....	498	436	504	466	556	628	582	703	673	890	685	633	639	557	650	524	753	942	716	618	686	635	690	525	602	491	580	581	613	18,056

## DIPHTHERIA AND MEMBRANOUS GROUP.

Table No. 55.

Mortality from Croup and Diphtheria, from 1884 to 1911, inclusive.

Years.	Deaths.			Percentage of deaths to deaths from all other causes.			Death rates per 10,000 *living.		
	Croup.	Diphtheria.	Total.	Croup.	Diphtheria.	Total.	Croup.	Diphtheria.	Total.
1884.....	49	110	159	.79	1.77	2.56	1.36	3.06	4.42
1885.....	74	78	152	1.19	1.25	2.44	2.04	2.15	4.19
1886.....	64	156	220	.99	2.41	3.40	1.75	4.27	6.02
1887.....	84	177	261	1.29	2.73	4.02	2.28	4.81	7.09
1888.....	94	103	197	1.37	1.50	2.87	2.53	2.77	5.30
1889.....	88	210	298	1.31	3.13	4.44	2.35	5.61	7.96
1890.....	64	164	228	.86	2.21	3.08	1.69	4.32	6.02
1891.....	56	160	216	.79	2.20	2.10	1.48	4.22	5.69
1892.....	45	134	179	.56	1.69	2.25	1.18	3.50	4.68
1893.....	36	63	99	.47	.82	1.29	.93	1.63	2.57
1894.....	44	73	117	.64	1.05	1.69	1.13	1.88	3.01
1895.....	49	78	127	.71	1.12	1.83	1.25	1.99	3.25
1896.....	59	85	144	.87	1.25	2.12	1.49	2.16	3.65
1897.....	61	82	143	.87	1.17	2.04	1.53	2.06	3.59
1898.....	37	71	108	.55	1.05	1.60	.92	1.77	2.69
1899.....	47	55	102	.66	.78	1.44	1.16	1.36	2.52
1900.....	36	64	100	.47	.84	1.31	.87	1.55	2.42
1901.....	30	60	90	.43	.86	1.29	.72	1.45	2.17
1902.....	26	136	162	.39	2.04	2.43	.62	3.28	3.90
1903.....	25	77	102	.36	1.10	1.46	.59	1.85	2.44
1904.....	25	43	68	.36	.63	.99	.59	1.03	1.62
1905.....	17	60	77	.23	.81	1.04	.40	1.42	1.82
1906.....	28	58	86	.37	.77	1.14	.66	1.37	2.03
1907.....	19	76	95	.25	1.01	1.26	.44	1.79	2.23
1908.....	22	77	99	.31	1.07	1.38	.51	1.80	2.31
1909.....	12	60	72	.16	.82	.98	.28	1.39	1.67
1910.....	25	46	71	.33	.62	.95	.58	1.06	1.64
1911.....	15	52	67	.20	.70	.90	.34	1.20	1.54
Total.....	1,231	2,608	3,839						
Average.....	44	93	137	.60	1.34	1.94	1.13	2.38	3.51

\*Estimated population.

## TYPHOID FEVER.

Table No. 56.

Deaths from Typhoid Fever, by Age Periods, from 1884 to 1911, inclusive.

Years.	1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.	Total.
1884.....	22	32	34	12	8	7	8	8	3	3	137
1885.....	16	31	34	14	8	7	10	11	3	2	136
1886.....	23	45	51	16	12	15	14	16	2		194
1887.....	9	38	41	17	8	7	6	5	2	1	134
1888.....	20	37	39	12	8	8	9	8	3	6	150
1889.....	18	40	50	13	14	10	5	6	4	1	161
1890.....	14	35	33	18	14	10	7	7	3	2	143
1891.....	18	39	52	17	15	8	9	8	3	1	170
1892.....	11	27	24	18	8	5	6	3	4	3	109
1893.....	12	32	29	22	10	5	5	3	1	2	121
1894.....	13	24	39	19	11	9	10	8	2		135
1895.....	5	26	28	10	12	4	7	3	1	3	99
1896.....	18	24	47	21	6	6	10	5	1	1	139
1897.....	12	22	22	12	8	10	4	1	1		92
1898.....	9	25	36	14	11	7	3	2		1	108
1899.....	5	16	34	13	7	4	7	3	1	2	92
1900.....	7	17	38	13	9	4	5	3	1	3	100
1901.....	11	11	19	20	10	9	6	2	1		89
1902.....	8	18	17	12	6	3	4	1	1	2	72
1903.....	7	17	26	13	5	4	6	8			86
1904.....	5	13	22	17	7	2	4	5	1		76
1905.....	5	14	12	9	7	5	4				56
1906.....	7	13	18	16	10	5	4	2		1	76
1907.....	2	9	8	14	6	2	5	1		2	49
1908.....	8	11	22	15	12	7					75
1909.....	4	10	9	6	6	6	4				48
1910.....	2	7	13	9	4	1	2	4			42
1911.....	4	6	13	10	8	7	2	2	1		53
Total.....	295	639	810	405	250	177	166	125	39	36	2942

Table No. 57.

Typhoid Fever—Mortality from to Each 10,000 of the Population of Same Age Period for Twenty-eight Years, from 1884 to 1911, inclusive.

1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.
1.61	3.42	4.21	2.70	2.02	1.80	2.33	3.02	2.76	.....

## SCARLET FEVER.

Table No. 58.

Mortality from Scarlatina, from 1884 to 1911, inclusive.

Years.	Deaths.	Percentages of deaths to deaths from all causes.	Death rates per 10,000 living population.*
1884.....	52	.83	1.44
1885.....	53	.85	1.46
1886.....	21	.32	.57
1887.....	26	.40	.70
1888.....	34	.49	.91
1889.....	18	.26	.48
1890.....	16	.21	.42
1891.....	13	.18	.34
1892.....	27	.33	.71
1893.....	52	.67	1.35
1894.....	61	.88	1.57
1895.....	58	.83	1.48
1896.....	23	.34	.58
1897.....	34	.48	.86
1898.....	25	.37	.62
1899.....	20	.28	.49
1900.....	27	.35	.65
1901.....	50	.72	1.20
1902.....	4	.06	.09
1903.....	9	.13	.21
1904.....	9	.13	.21
1905.....	2	.02	.04
1906.....	10	.13	.23
1907.....	7	.09	.16
1908.....	6	.08	.14
1909.....	18	.24	.41
1910.....	8	.10	.18
1911.....	16	.21	.36
Total.....	699		
Average.....	24	.35	

\*Estimated population.

Table No. 59.

## Deaths from Heart Disease, 1884 to 1911.

Years.	Number of deaths.	Rate per 10,000 to estimated population.
1884.....	507	14.12
1885.....	489	13.51
1886.....	510	13.98
1887.....	552	15.01
1888.....	575	15.51
Average rate for five years, 14.43.		
1889.....	564	15.09
1890.....	568	15.08
1891.....	572	15.05
1892.....	571	14.89
1893.....	605	15.64
Average rate for five years, 15.15.		
1894.....	649	16.63
1895.....	691	17.55
1896.....	647	16.28
1897.....	647	16.14
1898.....	619	15.30
Average rate for five years, 16.37.		
1899.....	685	16.79
1900.....	682	16.56
1901.....	692	16.66
1902.....	701	16.73
1903.....	747	17.67
Average rate for five years, 16.89.		
1904.....	673	15.79
1905.....	690	16.05
1906.....	681	15.70
1907.....	750	17.15
1908.....	711	16.13
Average rate for five years, 16.12.		
1909.....	784	18.28
1910.....	756	17.55
1911.....	717	16.57

## CANCER.

Table No. 60.

## Table Showing Deaths in New Hampshire from Cancer for Twenty-eight Years.

Year.	Deaths from cancer.	Year.	Deaths from cancer.	Year.	Deaths from cancer.
1884.....	210	1894.....	230	1903.....	314
1885.....	213	1895.....	266	1904.....	326
1886.....	206	1896.....	275	1905.....	344
1887.....	218	1897.....	265	1906.....	354
1888.....	203	1898.....	305	1907.....	386
1889.....	213	1899.....	279	1908.....	373
1890.....	276	1900.....	292	1909.....	383
1891.....	222	1901.....	364	1910.....	406
1892.....	235	1902.....	341	1911.....	408
1893.....	283				



## APOPLEXY.

Table No. 61.

Deaths from Apoplexy by Age Periods, from 1884 to 1911,  
inclusive.

Years.	1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.	Total.	Rate to total population* (Per 10,000.)
1884.....	6	1	3	14	8	21	52	61	34	4	204	5.68
1885.....	2	1	4	12	16	26	44	69	30	2	206	5.69
1886.....	2	1	1	12	16	24	48	81	32	3	220	6.03
1887.....	3	...	5	11	14	24	56	53	43	1	210	5.71
1888.....	4	...	3	6	12	19	59	75	64	1	243	6.55
1889.....	2	...	6	4	16	43	65	74	48	1	259	6.93
1890.....	1	1	3	6	19	38	58	82	50	5	263	6.98
1891.....	7	1	8	10	22	31	61	90	49	4	283	7.44
1892.....	...	...	1	5	20	50	73	93	57	9	308	8.03
1893.....	3	...	5	9	21	37	82	108	61	5	331	8.55
1894.....	2	1	3	4	12	42	79	105	44	2	294	7.53
1895.....	1	2	6	9	16	45	67	112	59	4	321	8.15
1896.....	2	...	5	8	21	52	90	116	59	4	357	8.98
1897.....	3	...	9	8	15	48	76	104	77	5	345	8.60
1898.....	4	...	4	7	20	53	73	112	68	2	343	8.48
1899.....	2	2	4	9	30	53	83	126	63	4	376	9.21
1900.....	2	1	6	7	18	55	87	105	72	9	362	8.79
1901.....	1	2	4	13	28	38	92	102	58	2	340	8.22
1902.....	12	...	5	5	25	53	105	136	67	4	412	9.91
1903.....	10	2	8	14	35	63	99	117	81	2	431	10.32
1904.....	13	1	2	13	25	66	97	126	82	5	430	10.25
1905.....	9	5	3	11	30	61	122	125	84	3	453	10.75
1906.....	8	3	7	7	27	63	95	147	85	4	446	10.54
1907.....	11	1	7	11	26	71	133	158	101	4	523	12.30
1908.....	12	3	3	12	26	82	108	143	99	3	491	11.50
1909.....	7	2	6	8	26	70	135	146	80	4	484	11.29
1910.....	11	2	6	21	30	63	143	145	103	4	528	12.26
1911.....	5	1	2	11	29	83	116	168	90	3	508	11.17
Total.....	145	33	129	267	603	1374	2398	3079	1840	103	9971	

\*Population estimated for all but census years.

Table No. 62.

Deaths from Bright's Disease by Age Periods, 1884 to 1911,  
inclusive.

Years.	1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.	Total.	Rate to total population.* (Per 10,000.)
1884	6	6	9	13	12	23	20	23	3	2	117	3.26
1885	6	9	11	19	15	14	24	24	7	1	130	3.59
1886	3	2	9	8	8	10	28	33	6	1	108	2.96
1887	4	6	6	17	12	16	29	25	6	1	122	3.31
1888	9	3	6	3	15	20	25	25	5	2	113	3.04
1889	3	3	11	16	19	28	34	33	8	1	156	4.17
1890	5	5	5	14	16	24	35	39	11	3	157	4.16
1891	2	9	7	18	16	27	46	34	10	5	174	4.57
1892	7	6	10	16	24	35	37	36	9	3	183	4.77
1893	13	7	10	18	18	18	29	39	7	...	159	4.11
1894	10	6	14	12	20	24	22	30	6	1	145	3.71
1895	4	8	13	17	23	37	34	38	13	1	188	4.77
1896	6	10	9	18	17	32	39	43	15	2	191	4.80
1897	15	3	11	24	15	38	46	56	20	4	232	5.78
1898	5	7	16	16	15	35	51	65	16	3	229	5.66
1899	11	6	12	16	23	31	50	71	21	1	242	5.93
1900	12	5	15	14	34	35	49	61	20	3	248	6.02
1901	7	5	15	22	26	47	57	44	17	2	242	5.85
1902	8	4	19	20	33	43	64	77	25	4	297	7.15
1903	8	8	18	23	39	58	74	81	36	3	348	8.33
1904	6	4	19	25	34	57	67	76	45	6	339	8.08
1905	13	14	29	33	40	65	90	92	49	3	428	10.16
1906	7	9	19	29	47	67	108	93	36	5	420	10.16
1907	9	8	13	17	34	59	87	110	47	3	387	9.10
1908	10	7	17	25	27	61	74	113	36	4	374	8.76
1909	12	6	9	23	35	67	77	128	42	3	402	9.37
1910	9	6	15	30	37	69	116	96	50	1	429	9.96
1911	3	4	8	22	45	82	95	113	66	1	439	10.15
Total	213	176	355	528	699	1122	1507	1698	632	69	6999	

\*Estimated population.

Table No. 63.

Deaths from Cancer by Age Periods and Sex from 1884 to 1911, inclusive.

Years.	1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.	Total.	Male.	Female.
1884.....	4	1	3	12	28	42	48	50	19	3	210	71	139
1885.....		1		11	30	42	57	56	13	3	213	74	139
1886.....			3	9	17	36	63	48	28	2	206	56	150
1887.....	2	1	3	11	31	46	50	46	23	5	218	70	148
1888.....		1	1	8	27	48	58	41	15	4	203	66	137
1889.....	2	1	3	12	24	36	55	57	22	1	213	70	143
1890.....	2		4	14	37	65	67	60	23	4	276	86	190
1891.....	1		4	17	24	43	64	47	21	1	222	74	148
1892.....	1		5	15	35	51	62	48	15	3	235	69	166
1893.....		1	4	9	48	63	66	55	31	6	283	106	177
1894.....		1	6	15	31	43	63	53	16	2	230	80	150
1895.....		2	2	12	38	49	62	76	25		266	100	166
1896.....	3	2	3	15	31	52	77	63	26	3	275	84	191
1897.....		2	4	25	30	54	62	62	21	5	265	87	178
1898.....			3	16	35	81	79	63	26	2	305	102	203
1899.....		3	3	11	36	69	69	56	28	4	279	89	190
1900.....	1	3	6	16	26	62	84	71	22	1	292	88	204
1901.....	1		5	20	46	74	104	87	24	3	364	114	250
1902.....	1	2	1	15	44	89	90	61	36	2	341	120	221
1903.....	1		2	20	25	74	96	67	27	2	314	110	204
1904.....		2	2	14	40	59	95	77	31	6	326	111	215
1905.....			4	15	48	71	90	93	23		344	126	218
1906.....	2		2	26	48	62	107	78	29		354	109	245
1907.....	2		3	24	60	78	93	81	42	3	386	123	263
1908.....	1		4	25	51	84	95	85	26	2	373	126	247
1909.....	2		2	17	49	79	107	89	36	2	383	131	252
1910.....	3	3	3	20	53	90	92	96	44	2	406	155	251
1911.....	3	1	4	10	66	79	106	97	38	4	408	138	270
Total.....	32	27	89	434	1058	1721	2161	1863	730	75	8190	2735	5455

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FROM LEFT TO RIGHT: FEMALE WARD, INFIRMARY, ADMINISTRATION BUILDING,  
END OF MALE WARD

SECOND BIENNIAL REPORT  
OF THE  
TRUSTEES  
OF THE  
NEW HAMPSHIRE  
STATE SANATORIUM  
FOR THE  
FISCAL PERIOD FROM  
SEPTEMBER 1, 1910, TO AUGUST 31, 1912.

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VOLUME I.—PART II.

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CONCORD, N. H.  
1912





## OFFICERS OF THE NEW HAMPSHIRE STATE SANATORIUM

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CHARLES N. BLODGETT.....	<i>Farmer</i>
CALEB S. BURLEIGH.....	<i>Engineer</i>

---

*Railroad Station and Post Office, GLENCLIFF.*

## TRUSTEES' REPORT

---

*To His Excellency Robert P. Bass, Governor of New Hampshire, and the Honorable Council:*

GENTLEMEN:—The Trustees of The New Hampshire State Sanatorium hereby submit their report, covering the period from September 1, 1910, to September 1, 1912.

During the past two years, the capacity of this Institution has greatly increased, owing to the new buildings authorized by the Legislature of 1911. At that session, the sum of \$35,700 was appropriated for the following purposes:—

Kitchen and Dining room building . . . . .	\$21,000.00
New Ward building . . . . .	8,000.00
Laundry building . . . . .	2,200.00
Laundry machinery . . . . .	1,500.00
Equipment and furnishings . . . . .	3,000.00
	<hr/>
	\$35,700.00

The kitchen, dining-room and infirmary are under one roof. All provision for an infirmary having been stricken from the appropriation, it was necessary to use part of the dining-room and kitchen building for bed patients, and, accordingly, a portion of it has been used as an infirmary for women.

The larger number of applications for admission being from men, the Trustees decided to erect the new ward for male patients, and therefore built an addition to the existing male ward, nearly doubling the capacity for the treatment of men. The new dining-room, kitchen and infirmary, and the addition to the male ward were first ready for occupancy on March 1, 1912. A more detailed account of the expenditure of the appropriation will be found in the accompanying report of the Treasurer.

During the year 1911 and the first two months of 1912, until the new ward and the infirmary were occupied, the average number of patients was 35, but now we can conveniently accommodate 58 patients. The per capita cost has been reduced, as in other institutions, in proportion to the number cared for, so that from \$13 weekly per patient at the opening of the Sanatorium, the cost has been reduced to about \$10 weekly for each patient, and even this cost is kept as high as it is, by reason of the many necessary articles having been purchased from maintenance money, which should not rightly be included in making up the per capita cost.

Dr. John E. Runnells resigned as Superintendent of the Sanatorium on August 1, 1912, after ably serving in this capacity for two years and two months. While Doctor Runnells was Superintendent of the Sanatorium, the capacity has been about doubled. The position of Superintendent was accepted by Dr. John M. Wise, who came from the Rutland (Mass.) State Sanatorium, and who is successfully and satisfactorily carrying on the work at Glencliff.

Mr. Charles N. Blodgett is still with us as farmer, and has rendered excellent service in reclaiming our worn-out land, and in greatly increasing its productiveness, so that we are now nearly self-supporting, in supplies of summer and winter vegetables. The new position of Steward was created on August 1, 1912, and has been ably filled by Mr. James S. Wilkins, Jr. This relieves the Superintendent from the purchasing of supplies, and allows him more time for the care and treatment of his patients.

Mr. Caleb S. Burleigh, as engineer, has served satisfactorily since the opening of the Sanatorium. Miss Susan B. Newton, as Head Nurse, has served very creditably since March 1, 1912, she being a competent nurse trained in tuberculosis work.

The State Federation of Women's Clubs very generously donated \$300 during the past year, which has been expended in fitting up a room in the infirmary.

The New Hampshire Branch of the Red Cross Society donated \$200 during the winter of 1912.

The examiners for the admission of patients remain the same, viz.: Dr. S. R. Upham, Claremont; Dr. M. B. Sullivan, Dover; Dr. J. D. Proctor, Keene; Dr. J. M. Wise, at the Sanatorium, and on the first and third Tuesdays of each month at Manchester.

The Sanatorium since its opening has done a vast amount of good in the treatment and restoration to health of a large number of patients, about twenty-five being absolutely cured, and enabled to resume their occupations in the outside world. A large number of the arrested cases have also been able to earn their own living by resuming their former work. Every patient who is treated in a Tuberculosis Sanatorium is educated to act as a disciple of the cause. Some very early cases have been diagnosed by ex-patients, and helped to get proper treatment. This shows of what value a familiarity with the symptoms of the disease may be to humanity. The education of all patients as to the manner of taking care of themselves, and of not disseminating the disease, is of inestimable value to the state. It is in the early stages of tuberculosis that a cure can be hoped for. Physicians are asked to aid us, in trying to send patients to the Sanatorium before they are in the advanced stages of the disease. One of the sad problems the Sanatorium has to meet is the refusal to admit those advanced cases which have no chance of a cure, or even benefit from the treatment. The results so far have been very encouraging. The attitude and the climate at the Sanatorium seem to do all that can be expected.

The requirements of the Institution for the next two years will be found in the Superintendent's report.

Respectfully submitted,

TRUSTEES N. H. STATE SANATORIUM,  
S. R. UPHAM, M.D., *Chairman*.

## SUPERINTENDENT'S REPORT

---

*To the Trustees of the New Hampshire State Sanatorium:*

GENTLEMEN:—I have the honor herewith to submit the second biennial report of the New Hampshire State Sanatorium, covering the interval from September 1, 1910, to August 31, 1912, inclusive.

This period has shown a steady growth of the Sanatorium, from a daily average of 19.5 per month, to an average of 55.06. With the completion of the buildings provided for by the General Assembly of 1910-1911, and opened on March 1, 1912, the capacity of the Sanatorium was increased to sixty. The largest number of patients at any time has been fifty-six.

The number of patients in the Sanatorium on September 1, 1910, was twenty-nine. From September 1, 1910, to August 31, 1911, 78 patients were admitted, and 74 were discharged. From September 1, 1911, to August 31, 1912, 116 patients were admitted, and 97 were discharged. In the two years, the total number of patients admitted was 194, and the number discharged was 171; leaving in the Sanatorium on September 1, 1912, 52 patients, of whom 9 were incipient, 15 moderately advanced, and 28 far advanced. In 1911-1912, the daily average number of patients was 31.83; the average length of residence was 18.91 weeks. In 1911-1912, the daily average was 44.06; the average length of residence was 21.22 weeks.

Of the 171 patients discharged, 30 were incipient, 85 were moderately advanced, and 55 were far advanced,—one case of bone tuberculosis not being included in the classification; 12 were discharged as apparently cured, 41 as arrested, 64 as improved, 25 as unimproved, 11 died, and 18 were not considered. Of the 18 cases not considered, 17 were under treatment less than one month, and one was the case of bone tuberculosis above mentioned, which was discharged as



apparently cured. Of the 26 incipient cases considered, 9 were discharged as apparently cured, 9 as arrested, and 8 as improved, showing that 100 per cent. of this class improved. Of the 77 moderately advanced cases considered, 3 were discharged as apparently cured, 30 as arrested, and 39 as improved, showing that 93.5 per cent. of this class improved. Of the 50 far advanced cases considered, 2 were discharged as arrested, 17 as improved, 22 as unimproved, and 9 died, showing that 38 per cent. of this class made some improvement. Of the 11 who died, some at entrance were practically moribund, and were too ill to be sent home; with others, it was a choice either of keeping them, or of sending them home to spread the infection. A few had no home to which to go.

As in the previous report, the number of moderately advanced and advanced cases exceeds the number of incipient cases. Many patients with advanced disease have never consulted a physician until they were on the verge of a break-down. In some cases, there has been a lack of proficiency in diagnosis; in others, a failure, for some one or more well-known reasons, or excuses, to avail themselves of the opportunity for sanatorium treatment while the physical condition is yet good. Good results in the treatment of tuberculosis can more frequently be obtained when the treatment is begun in the incipient stage of the disease. Many of the more advanced cases do well, but their future is likely to be a succession of relapses and of improvement. There is too much misconception of what constitutes incipency. Undue reliance is placed upon the examination of the sputum as a means of diagnosis, without consideration of the symptoms and physical signs. Diagnosis should be made and treatment begun before bacilli appear in the sputum. This is usually possible. The responsibility of furnishing cases in incipency rests with the general practitioner and with the patient, not with the examiners.

Many cases admitted show the bad effects of work, or exercise, when there is an active lesion in the chest. Resi-

dence in a Sanatorium, if only for a short time, to teach patients "Sanatorium Life" and sanitary methods, has repeatedly shown its permanent value. Arrested and apparently cured cases who are able and willing to follow out the sanatorium régime have good prospects of remaining well and able to work, and at the same time represent a minimum danger of spreading the infection. Of the four factors to be emphasized in the treatment of tuberculosis—rest, food, fresh air and exercise—rest is the one most needful to be mentioned, because of its importance, and because it is so seldom properly observed. A patient is never harmed by too much rest, but indiscriminate exercise can easily render a case hopeless.

## TREATMENT

The usual features essential to all sanatorium treatment have been maintained, and in the main consist of regulated rest, exercise and diet, and a life in the open air. It is invariably true that rest is the most difficult to have properly observed; constant vigilance and discipline are necessary to keep it up to the limit needful for the patient. Those in a suitable condition have been expected to do light work about the wards. Patients able to work usually prefer to go home to work for their own gain, and it is also usually necessary to discharge such patients to make room for others. So the amount of work thus done has been small, exercise having been taken for the purpose of treatment only, and varying between extremes as follows:—

1. Absolute rest in bed. Those patients who are prostrated with fever and toxæmia, and those having hemorrhage, or other severe complication, do not leave their beds at all.

2. Patients who are in bed except to take their bath, and to go to the toilet.

3. Patients who are up only to go to their meals.

4. Patients who are up all day, gradually advancing to the care of their own bed and stand, and to work from fifteen minutes to one hour a day.

Those chronic cases, which at times are free from fever, are permitted to go to their meals when they feel so inclined, with the idea of postponing the time when they must be in bed continuously.

The dietary is a liberal one. But those who are eating well three times a day are not expected to take both milk and eggs at lunches, except when they are below normal weight. The tendency, where supplies are available, is to overfeed the tuberculous. Many patients enter, showing the disregard of judgment, when persistent and futile attempts at forced feeding are made, even though the digestive apparatus is already impaired by the toxæmia of the disease.

Therapeutic tuberculin was administered to a few cases. In selected cases, tuberculin may prove a valuable adjunct to sanatorium treatment. Some cases that have otherwise failed to improve, occasionally begin to do so with the administration of tuberculin. The indication seems to be in those apparently suitable cases which, with reasonable opportunity, do not improve without it.

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In 1910-1911, the per capita weekly cost was \$11.795; in 1911-1912, \$10.815. Many things necessarily included in the maintenance ought properly to have been provided for by a special appropriation. This condition has raised the stated per capita cost above that which was really paid for maintenance.

Attention is especially called to Table XIII. Of these incipient cases, there were none in which the diagnosis was in doubt, although in thirty-one cases Tubercle bacilli were not found in the sputum. The same is true of the moderately advanced cases, thirty-one of whom showed no Tubercle bacilli in the sputum.

## METHOD OF ADMISSION

The method of admission is the same as has been in effect since the opening of the institution. Applicants must be





WARD FOR MALES







WARD FOR FEMALES



examined by one of the regularly appointed examiners, who are as follows: Dr. S. R. Upham, Claremont; Dr. M. B. Sullivan, Dover; Dr. J. D. Proctor, Keene; and the Superintendent, daily at the Sanatorium, except on the first and third Tuesdays of each month, when he examines at the office of Dr. A. F. Wheat, 967 Elm Street, Manchester. Admissions have been based upon the question, "Does the applicant present a reasonable prospect of improvement or cure?" Applications are forwarded by the examiners to the Superintendent, who admits cases which seems to be favorable. Some few cases not quite so favorable have been accepted, when there have been vacancies unapplied for by more favorable cases, and when the home conditions of the patient are such as to greatly endanger the health of small children. There is need of a more general coöperation of the physicians in general practice to assist in bringing the incipient and favorable cases to the Sanatorium, and a greater willingness to yield up such cases to a character of treatment which has been found to offer the greater possibilities of arrest and cure.

### COST OF TREATMENT

The regular rate for board and treatment is \$10 per week. The names of those unable to pay this rate are sent to the secretary of the State Board of Charities and Correction, by whom the sum to be paid is fixed, the state assuming the balance. Those unable to pay anything are admitted free, the whole expense being assumed by the state.

### ADDITIONS

On March 1, 1912, the new buildings were put into service. Sixteen patients can be accommodated in the addition to the men's ward, and fourteen in the women's infirmary over the dining-room. The infirmary has been a very valuable addition. It has enabled us to remove all bed-patients from the women's ward, making it much easier to care for them, as well as adding to their comfort, and to that of the

ambulatory cases who previously had been in the same ward.

It is very desirable that provision be made for a men's infirmary. No bed-patients are accepted deliberately as such, but there are always some who do not improve, and who cannot be well cared for except in an infirmary. The best solution seems to be to erect another building for a women's infirmary, and to use the present women's infirmary. This new infirmary should have a capacity of twenty-four beds, which would make our accommodations for women equal to the demands for admission. These provisions would free us from the criticism that early and advanced cases are lodged in the same ward. The number of applications from men is much larger than that received from women, so that, to equal the present demand for admission, another ward for male patients must be erected.

The third floor of the infirmary building is unfinished. It is desirable that this be completed so that it may be used for a dormitory for employees, who at present are very greatly crowded.

## THE FARM

In considering the amount of work done on the farm, in reclaiming land, building fences, and making other improvements, allowance must be made for work done at the Sanatorium, such as grading, building walls and sewers, general teaming, etc. There has been so much of this work demanded, that at times the actual farm work has been interrupted. Several acres of land, however, have been reclaimed and put under cultivation. It was possible to raise all the vegetables used, excepting potatoes, in the last year. The potato crop in 1911 was a failure owing to the drought. The garden was saved because it could be irrigated. The crop of 1912 was even more successful; not only did it furnish all vegetables used, but there will probably be enough, including potatoes, for the winter of 1912-1913.

The following is a list of the supplies received from the farm and used during the two years.

	First Year (Sept. 1, 1910, to Aug. 31, 1911)	Second Year (Sept. 1, 1911, to Aug. 31, 1912)
Milk, quarts. . . . .	24,905	27,923
Potatoes, bushels. . . . .	175	140
Apples, barrels. . . . .	18	5
Turnips, bushels. . . . .	2	85
Beets, bushels. . . . .	2	56
Peas, bushels. . . . .	3	8
String beans, bushels. . . . .	2	10
Shell beans, bushels. . . . .	3	12
Lettuce, heads. . . . .	55	160
Cucumbers, dozens. . . . .	18	
Cabbage, heads. . . . .	20	619
Summer squash, dozen. . . . .	6	
Green corn, ears, dozen. . . . .	13	50
Beet greens, bushels. . . . .		7
Parsnips, bushels. . . . .		28
Carrots, bushels. . . . .		36
Radishes, dozen. . . . .		10
Pumpkins, bushels. . . . .		40
Hay, tons. . . . .	50	55
Ensilage, tons. . . . .	40	(growing)
Wood, cords. . . . .	120	100
Squash winter, pounds. . . . .		770

Supplies raised and kept for the coming winter are not included. By drawing our own wood with the teams from the farm, \$480 were saved. Of this amount, \$400 were used to buy a much needed pair of farm horses.

## FARM BUILDINGS

The need of new farm buildings, both house and barn, is very urgent. On the Sanatorium lands there are no buildings in a condition to be used. It has been necessary to rent a farm of Messrs. Pike and Watson, to obtain the use of the buildings. These buildings are also in an unsatisfactory condition.

The most suitable location for farm buildings seems to be in the vicinity of the contractor's shack. This site is convenient to the Sanatorium; there is a proper slope to the ground; and there is an abundance of running water which could be piped at little expense wherever desired. The barn on the Dickey farm needs to be shingled and otherwise repaired, at an estimated cost of \$150. This barn is used to house the young stock.

### THE SANATORIUM GROUNDS

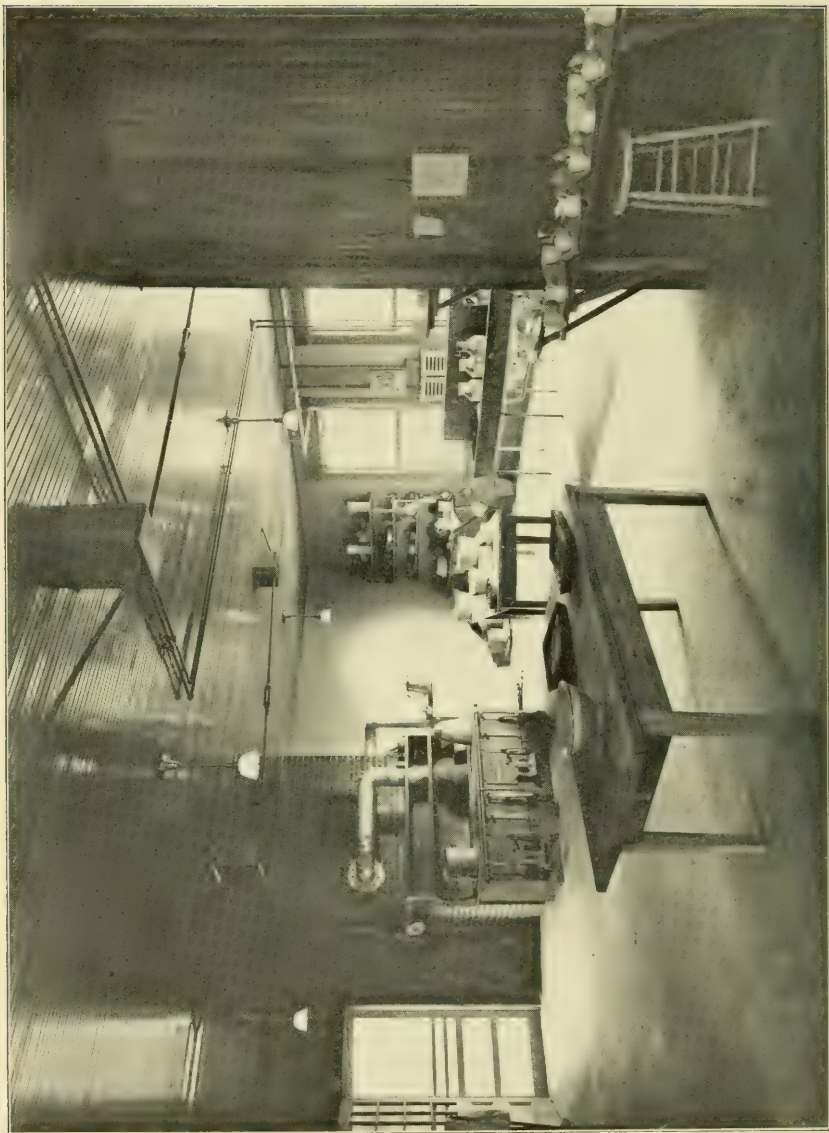
Considerable grading has been done, but there remains more than we can expect to do with the men and teams from the farm. There is an unusual amount of this work to be done, as the men's ward and infirmary are built into and against a bank which must be removed. Provision must be made to carry away the large quantities of surface water which at times flood the cellars of these buildings and the ground between them, entailing danger of serious damage to the buildings themselves. It is desirable that walks be made between the buildings. Roads must be made, sewers put in and the grounds turfed. With a moderate appropriation, the grounds could be so improved that the general appearance about the institution might well be one in harmony with our good buildings and with our beautiful environment.

### HEAT, LIGHT AND POWER

The heat for the Sanatorium is supplied by an 8 H.-P. boiler; the hot water, in summer, by a boiler of smaller size. In winter, the larger boiler is taxed to its utmost to carry the plant. In case of accident to this boiler, the buildings could not be heated until repairs could be made. I recommend that another boiler equal in size to the larger one be installed. I also recommend that a dynamo be installed in the boiler-house, to be run by steam power, in case of accident to the present generator, run by water power.







A CORNER OF THE KITCHEN







A PORTION OF THE DINING-ROOM

There are still many of the steam and hot-water pipes in the basements which are not covered with asbestos. Some have been covered with a magnesia covering. This substitute could be used to advantage and heat saved.

At the power house, another core for the excitor, with boxings, is needed. Thus far the fuel used has been wood. It is planned to use coal the coming winter. So much difficulty has been experienced in obtaining good wood, and so much handling has been necessary, that coal will undoubtedly prove to be the cheaper fuel. This will, however, necessitate the construction of a coal pocket. A temporary arrangement has been made for this year.

The Sanatorium is so far from any base of supplies that the chief engineer has to attend to all sorts of repair work. All tools used have been his personal property. I would ask that an appropriation be made for this department.

## WATER SUPPLY

The water supply is abundant, but the reservoir is too small to furnish good fire protection. The present reservoir should be deepened and enlarged to reach an adequate capacity. The present dam is in need of repairs even if no additional provision be made. There is but one hydrant on the grounds, that one west of, and close to, the women's ward. This hydrant should have a fireproof covering, to contain hose and for protection when necessary to be used. I would suggest that two other hydrants be installed—one midway between the infirmary and the men's ward, and the other in front of the administration building.

## SEWAGE SYSTEM

The sewage system is no longer large enough to dispose of the sewage. The present drainage channels are greatly overtaxed. The population of the Sanatorium is twice that which the system was built to accommodate. It will be necessary to construct another cess-pool, and to extend the system of drainage channels.

## THE LAUNDRY

The new laundry has been put into operation, and has proved its value. It is no longer necessary to send clothes to a public laundry. The actual time required to run the laundry machinery has been three days each week.

## EXTRAORDINARY REPAIRS AND SUPPLIES

The roofs of each of the wards need to be restrained. The bases of the pillars of the infirmary piazza have no protection from the water dripping from the eaves. Eaves-troughs should be put on this part of the building, as well as on the east and west sides, where the water runs into the cellar; also on the rear of the administration building for the same reason. The administration building needs to be painted inside and out. The long time that this building was used as a service building has made the inside repairs necessary. The slate roof needs extensive repairs; temporary repairs have been made; the roofer estimated that \$150 would be the minimum sum needed for the slate roof. Some improvements are desirable in the Superintendent's apartments. The ceilings and all the bath rooms need repairs. This general repair work could not be done at a cost less than \$800, and is needed to preserve the buildings.

A new range is needed in the kitchen, also a new dishwasher. The old ones are worn out. Additional equipment is asked for as follows: a steam table, a broiler, and tea and coffee urns.

The throat room needs additional equipment, especially a pump with spraying apparatus.

## MAINTENANCE

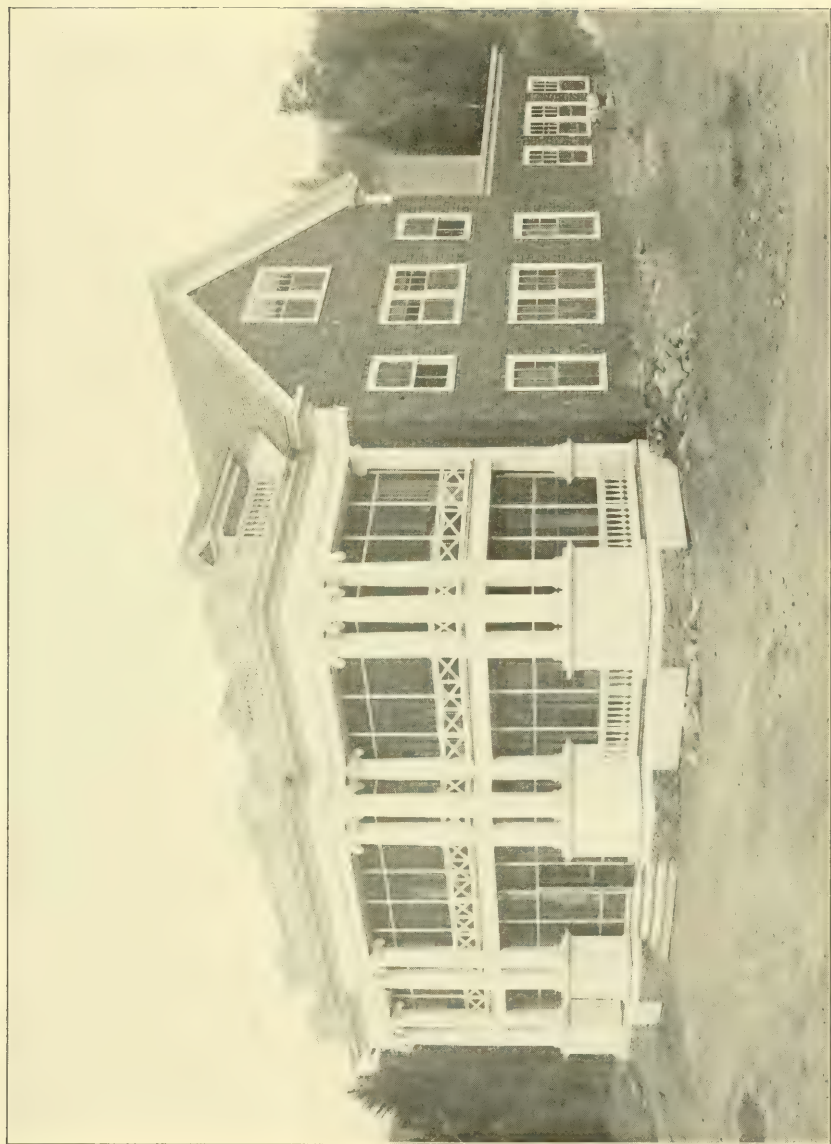
Last year, on an average population of 44.06, the per capita cost was \$10.815 per week. It will be about that figure this year. Figuring on a minimum population of 55, the next appropriation for maintenance should be \$25,000 per year. If provision should be made for a men's





WARD BUILDING FOR MALES





INFIRMARY





infirmery, or for additional beds as stated in this report, the appropriation should be increased proportionately to the number of beds, and to the time they may be in service.

The average minimum population for 1912-1913 will not be less than 55. With the increase in the number of advanced cases the receipts are proportionately less—less in aggregate, even with an increased population. So it is evident that the \$20,000 appropriated for the present year will leave a deficiency of about \$5,000 which should be provided for by special act.

### RELIGIOUS SERVICES

Religious services have been held each month. The Rev. Frederick C. Cowper, of Woodsville, has held services on the third Wednesday of each month. The Rev. Father Redden, of Woodsville, has held services as often as his very large field would permit; he and his assistants have been very prompt to come to the Sanatorium whenever called. The Rev. W. A. Loyne, of Warren, has usually been able to hold a service on the first Sunday of the month, and has been very faithful in coming to the Sanatorium at other times.

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There have been many donations of books and clothing and some money, which has been expended to purchase clothing for those in need.

I desire again to call attention to the necessity of providing for more beds, and especially to the need of a men's infirmery. The Sanatorium has maintained a steady growth, and will continue to do so. The demands for increased capacity are insistent. The lack generally of definite knowledge in regard to the prophylaxis, diagnosis, and treatment of tuberculosis, and especially the inability to obtain more cases in incipency, are important obstacles in the way of higher efficiency in the work. This is no less true in other states. In caring for many of the more

advanced cases, we are, however, in just that number of cases, controlling the spread of the disease.

In conclusion, I wish to thank, not only for myself but more particularly for my predecessor, Dr. John E. Runnells, the members of your Honorable Board for their support and encouragement; all the employees of the Sanatorium, and any others who have assisted in carrying on the work by whose combined efforts whatever measure of success has been attained, has been made possible. I wish to congratulate the Board of Trustees, and through them the state, on the excellent institution established, and the admirable beginning made in the campaign against tuberculosis.

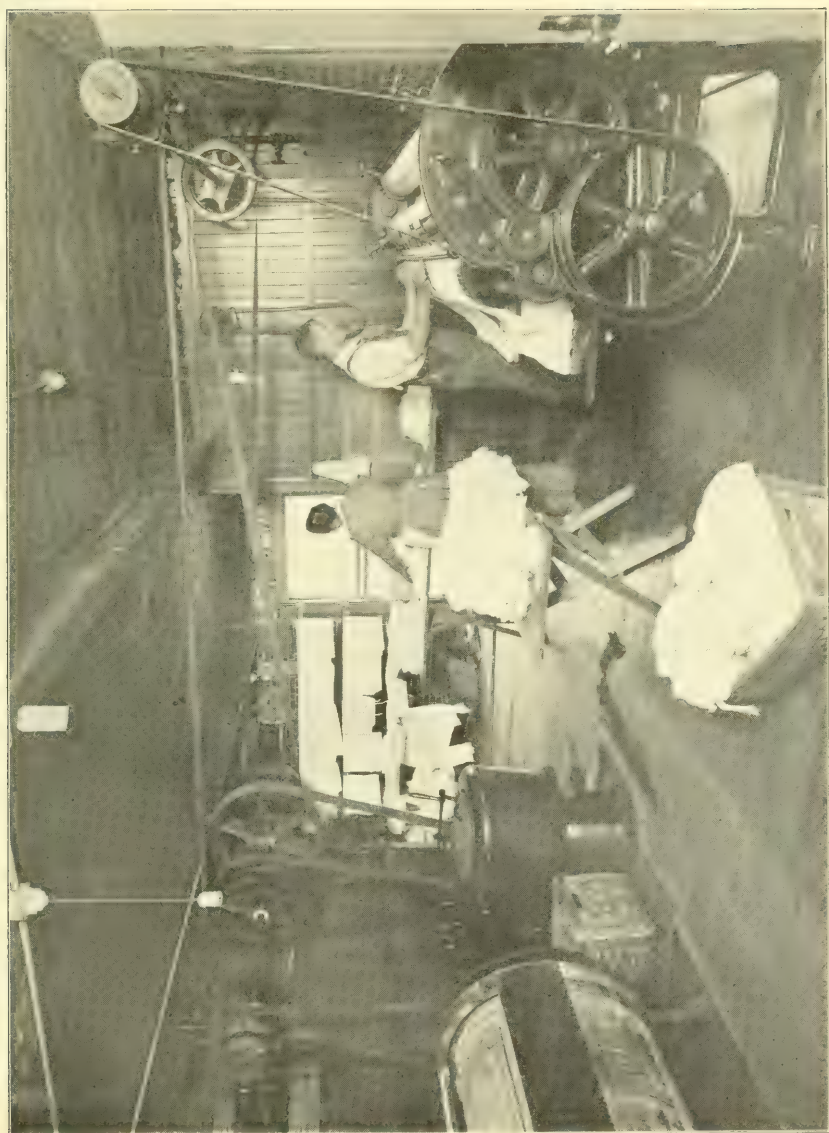
Respectfully submitted,  
JOHN M. WISE,  
*Superintendent.*

GLENCLIFF, N. H.



RECEPTION ROOM AND CLERK'S OFFICE





LAUNDRY





# STATISTICAL TABLES

TABLE NO. 1. ADMISSIONS AND DISCHARGES, 1910-1911

	Men	Women	Total
Number in Sanatorium September 1, 1910. ....	15	14	29
Number admitted from September 1, 1910, to August 31, 1911. ....	39	39	78
Number discharged from September 1, 1910, to August 31, 1911. ....	39	35	74
Number of deaths (included in preceding item) . . . . .	1	1	2
Number remaining in Sanatorium August 31, 1911. ....	15	18	33
Daily average number of patients. ....			31.83
Average length of stay, weeks. ....			18.19
Per capita cost of maintenance, per week. ....			\$11.795

TABLE NO. 2. ADMISSIONS AND DISCHARGES, 1911-1912

	Men	Women	Total
Number in Sanatorium September 1, 1911. ....	15	18	33
Number admitted from September 1, 1911, to August 31, 1912. ....	60	56	116
Number discharged from September 1, 1911, to August 31, 1912. ....	46	51	97
Number of deaths (included in preceding item) . . . . .	5	4	9
Number remaining in Sanatorium September 1, 1912. ....	29	23	52
Daily average number of patients. ....			44.06
Average length of stay, weeks. ....			21.22
Per capita cost of maintenance, per week. ....			\$10.815

TABLE NO. 3. SUMMARY OF ADMISSIONS AND DISCHARGES, 1910-1912

	Men	Women	Total
Number admitted from September 1, 1910, to August 31, 1912. ....	99	95	194
Number discharged from September 1, 1910, to August 31, 1912. ...	85	86	171
Number of deaths (included in preceding item) . . . . .	6	5	11
Number of cases remaining over one month (considered) . . . . .	76	77	153
Number of cases remaining less than one month (not considered) ...	9	8	17
One case of bone tuberculosis not considered. ....		1	1



TABLE NO. 4. CLASSIFICATION OF RESULTS. (NAT'L ASSOC. CLASSIFICATION)

	Incipient				Moderately adv.				Advanced				Total			
	M.	W.	T.	P.C.	M.	W.	T.	P.C.	M.	W.	T.	P.C.	M.	W.	T.	P.C.
Apparently cured . . . .	4	5	9	34.65	2	1	3	3.90	0	0	0	.....	6	6	12	7.85
Arrested . . . . .	1	8	9	34.62	17	13	30	38.96	2	0	2	4	20	21	41	26.8
Improved . . . . .	2	6	8	30.76	17	22	39	50.65	12	5	17	34	31	33	64	41.83
Unimproved . . . . .	0	0	0	.....	2	1	3	3.90	11	11	22	44	13	12	25	16.34
Died . . . . .	0	0	0	.....	2	0	2	2.59	4	5	9	18	6	5	11	7.18
Total No. considered . .	7	19	26	.....	40	37	77	.....	29	21	50	.....	76	77	153	.....
Total not considered . .	1	3	4	.....	6	2	8	.....	2	3	5	.....	8	8	17	.....
Total No. discharged . .	8	22	30	.....	46	38	85	.....	31	24	55	.....	85	85	170	*

\* One case of bone tuberculosis is not included in the above table.

TABLE NO. 5. NUTRITIONAL CHANGES OF CASES CONSIDERED

	Men	Women	Total
Number who gained weight . . . . .	58	62	120
Number who lost in weight . . . . .	13	14	27
No change in weight . . . . .	5	1	6
Average gain in weight . . . . .	12.05	8.86	.....
Average loss in weight . . . . .	5.61	4.96	.....

TABLE NO. 6. NUMBER PAYING FULL RATE, PARTIAL RATE, AND NOTHING, OF THOSE DISCHARGED

	Men	Women	Total
Number paying full rate . . . . .	18	20	38
Number paying partial rate . . . . .	33	31	64
Number paying nothing . . . . .	34	35	69
	85	86	171

TABLE NO. 7. CIVIL CONDITION OF PATIENTS DISCHARGED

	Men	Women	Total
Married.....	30	32	62
Single.....	51	47	98
Widowed.....	4	5	9
Divorced.....	0	0	0
Separated.....	0	2	2
	85	86	171

TABLE NO. 8. AGE OF PATIENTS DISCHARGED

	Men	Women	Total
10 to 20 years.....	20	20	40
20 to 30 years.....	30	39	69
30 to 40 years.....	22	24	46
40 to 50 years.....	10	3	13
Over 50 years.....	3	0	3
Total.....	85	86	171

TABLE NO. 9. RESIDENCE OF PATIENTS DISCHARGED BY COUNTIES

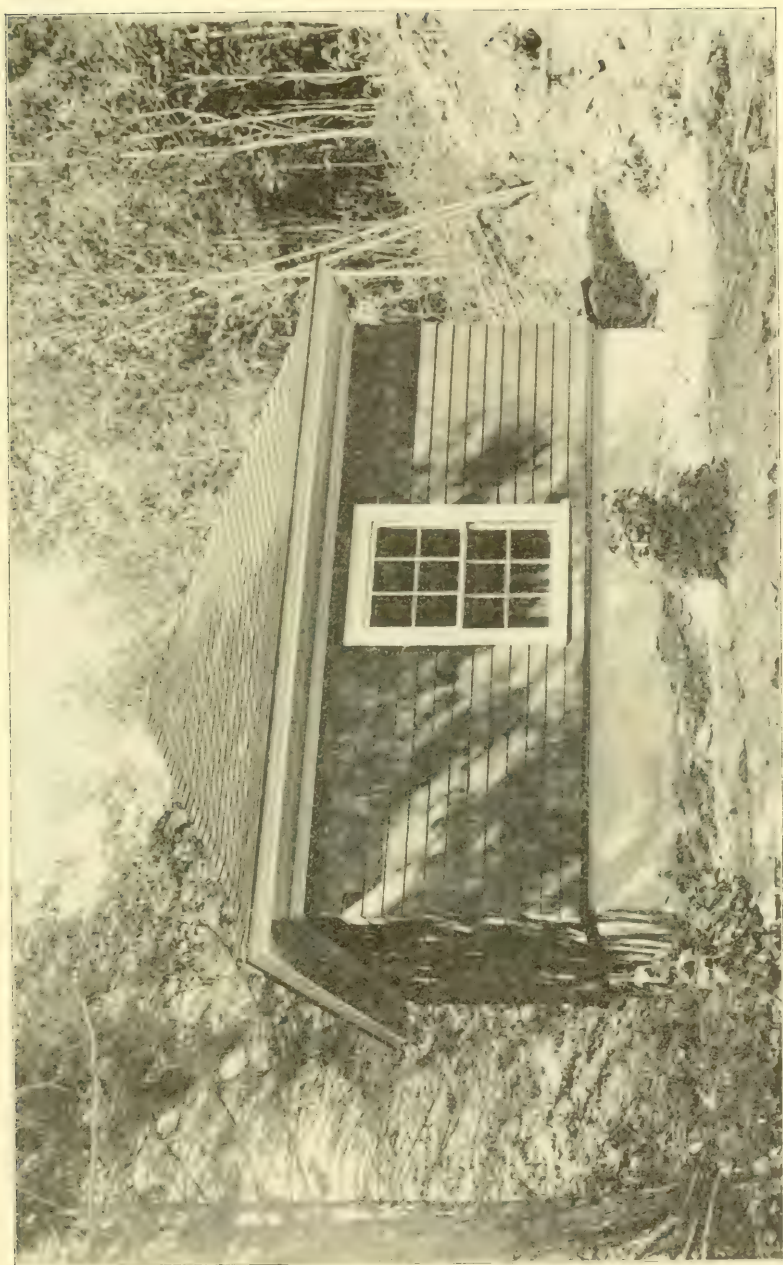
	Men	Women	Total
Hillsborough.....	34	34	68
Merrimack.....	12	9	21
Strafford.....	7	4	11
Rockingham.....	12	3	15
Grafton.....	1	13	14
Cheshire.....	8	9	17
Cooks.....	5	3	8
Sullivan.....	3	6	9
Carroll.....	1	2	3
Outside of state.....	2	3	5
Total.....	85	86	171

TABLE NO. 10. NATIVITY OF PATIENTS DISCHARGED

	Men	Women	Total
America.....	65	64	129
Canada.....	7	13	20
Ireland.....	5	3	8
Scotland.....	2	2	4
Finland.....	1	0	1
Norway.....	0	1	1
Sweden.....	0	1	1
Turkey.....	1	0	1
Greece.....	1	0	1
Russia.....	1	0	1
Germany.....	1	0	1
Syria.....	1	0	1
Azores.....	0	1	1
England.....	0	1	1
Total.....	85	86	171

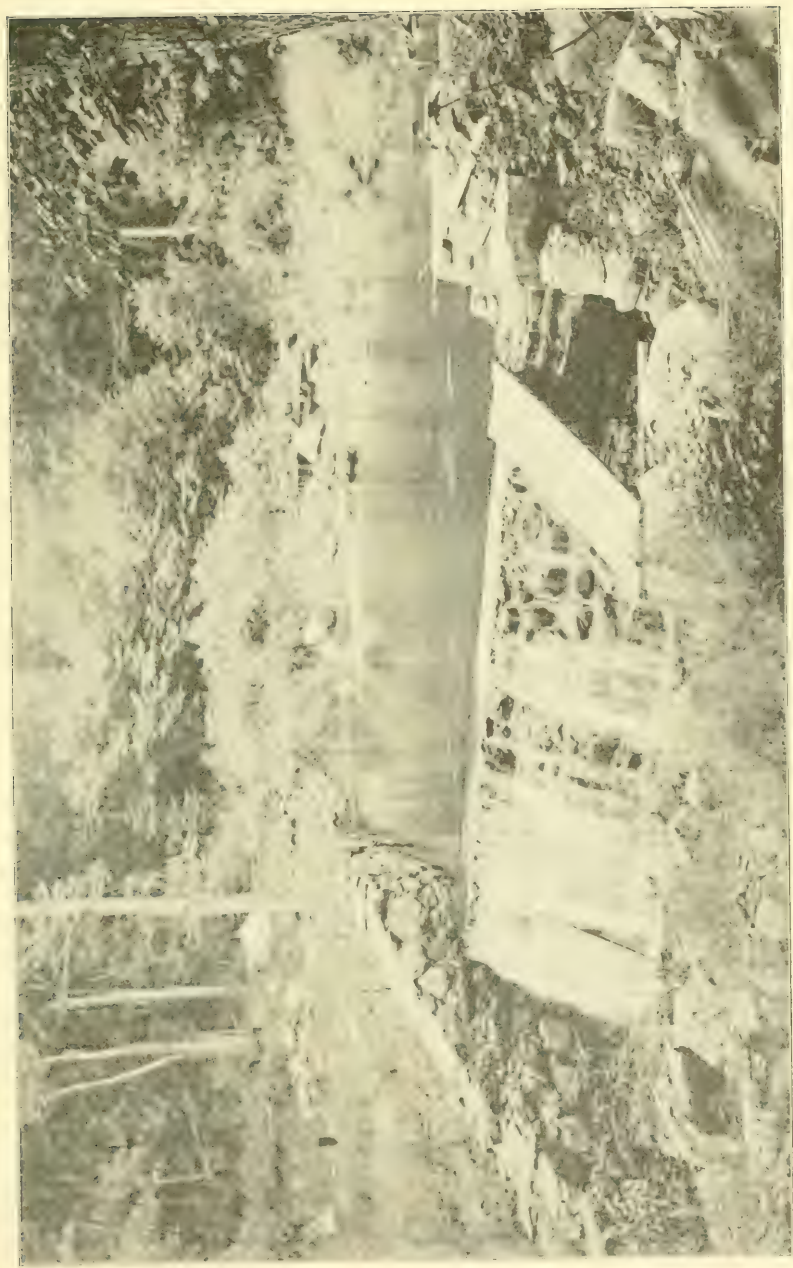
TABLE NO. 11. PLACE OF EXAMINATION, WITH NUMBER EXAMINED AT EACH PLACE

	1910-11	1911-12	Total
Manchester.....	102	100	202
Glenclyff.....	24	39	63
Keene.....	13	9	22
Dover.....	5	18	23
Claremont.....	5	8	13
Total.....	149	174	323



POWER HOUSE AND ELECTRIC LIGHT PLANT





SOURCE OF WATER SUPPLY AND POWER





TABLE NO. 12. DURATION OF DISEASE, LENGTH OF RESIDENCE, AND CAUSE OF DEATH OF THOSE DYING AT THE SANATORIUM

No.	Duration of Disease	Length of Residence	Cause of Death
84	36 months...	13 weeks, 4 days...	Pulmonary and laryngeal tuberculosis.
78	12 months...	24 weeks, 1 day....	Pulmonary tuberculosis and myocarditis.
13	12 months...	108 weeks, 1 day....	Pulmonary tuberculosis.
174	2 months...	7 weeks, 1 day....	Acute miliary tuberculosis.
168	12 months...	10 weeks, 4 days...	Acute miliary tuberculosis.
145	12 months...	31 weeks, 1 day....	Pulmonary tuberculosis and tubercular enteritis.
214	? months...	1 week, 1 day....	Pulmonary tuberculosis.
192	36 months...	7 weeks, 4 days...	Pulmonary and laryngeal tuberculosis.
175	1 month...	26 weeks, 4 days...	Acute miliary tuberculosis.
242	? months...	2 weeks, 4 days...	Pulmonary tuberculosis and tubercular enteritis.
113	30 months...	66 weeks, 3 days...	Pulmonary and laryngeal tuberculosis.

TABLE NO. 13. SPUTUM RECORD OF CASES DISCHARGED

	Positive	Negative
Incipient.....	2	31
Moderately advanced.....	53	31
Advanced.....	53	1
Total.....	108	63

TABLE NO. 14. COMPLICATIONS OF CASES DISCHARGED

Asthma.....	3	Insufficiency, mitral.....	1
Abscess, ischiorectal.....	6	Laryngitis, catarrhal.....	4
Albuminuria.....	2	Laryngitis, tubercular.....	17
Adinitis, tubercular.....	2	Meningitis, tubercular.....	1
Abscess, psoas.....	1	Mumps.....	1
Appendicitis, chronic.....	1	Neuritis.....	1
Dysmenorrhea.....	1	Neurasthenia.....	1
Eczema.....	2	Otitis, tubercular.....	1
Enteritis, catarrhal.....	3	Otitis, media.....	1
Enteritis, tubercular.....	6	Orchitis, tubercular.....	1
Epilepsy.....	1	Pneumonia (unresolved).....	1
Goitre.....	1	Potts Disease.....	1
Gastritis, chronic.....	1	Peritonitis, tubercular.....	1
Hæmoptyses.....	58	Pregnancy.....	1
Icterus.....	1	Synovitis, tubercular.....	1

## STATE SANATORIUM

CLIMATOLOGICAL DATA NEW HAMPSHIRE STATE SANATORIUM, GLENCLIFFE, ALTITUDE 1650 FEET

Month	Temperature				Clear Days	Partly Cloudy Days	Cloudy Days	Days with Rain	Days with Snow	Days with Fog	Prec. Rain Inches	Snow Inches
	Mean Maxi- mum	Mean Mini- mum	Mean	Range								
Sept., '10.....	66.37	46.83	56.60	19.45	16	6	8	9	0	1	3.44	.00
Oct. ....	54.61	35.97	45.29	18.64	12	6	13	8	6	5	2.00	.50
Nov. ....	35.70	25.70	30.70	10.00	5	9	16	4	16	3	1.71	12.50
Dec. ....	22.55	6.36	14.46	16.19	12	9	10	0	11	0	2.38	13.50
Jan., '11.....	29.39	9.52	19.46	19.87	15	6	11	4	7	5	1.81	7.50
Feb. ....	24.43	6.14	15.29	18.29	9	10	9	0	13	1	1.90	17.50
March. ....	34.90	13.29	24.09	21.61	14	5	12	3	11	1	1.86	25.50
April. ....	48.70	27.46	38.08	21.84	16	5	9	1	5	1	.67	7.50
May. ....	72.73	46.39	59.56	26.34	21	3	7	5	0	0	2.28	.00
June. ....	69.53	49.17	59.35	20.36	12	3	15	15	0	4	1.98	.00
July. ....	82.16	57.32	69.74	24.84	24	3	4	7	0	0	4.56	.00
Aug. ....	75.00	54.64	64.82	20.36	17	7	7	9	0	7	4.44	.00

## STATE SANATORIUM

61

CLIMATOLOGICAL DATA NEW HAMPSHIRE STATE SANATORIUM, GLENCLIFFE, ALTITUDE 1650 FEET

Month	Temperature			Clear Days	Partly Cloudy Days	Cloudy Days	Days with Rain	Days with Snow	Days with Fog	Prec. Rain Inches	Snow Inches
	Mean Maxi- mum	Mean Mini- mum	Mean Range								
Sept., '11.....	64.60	44.87	54.73	17	7	6	10	0	4	3.10	.00
Oct.....	52.48	35.19	43.84	13	6	12	11	3	5	4.01	5.00
Nov.....	37.90	21.43	29.66	8	8	14	6	7	1	3.45	11.00
Dec.....	34.80	21.12	27.96	11	3	17	7	9	5	2.56	4.00
Jan., '12.....	16.07	.13	8.10	15	5	11	4	8	0	.00	26.50
Feb.....	24.44	7.00	15.72	14	8	7	1	7	0	.21	20.50
March.....	31.71	13.48	25.29	19	5	7	3	10	2	2.58	19.00
April.....	48.87	29.53	39.20	13	8	9	5	7	0	1.86	15.00
May.....	62.80	43.29	53.04	13	2	16	13	1	8	5.24	1.00
June.....	63.56	53.47	58.52	19	7	4	7	0	1	1.47	.00
July.....	77.38	54.74	61.06	17	11	3	7	0	3	2.70	.00
Aug.....	69.35	49.61	59.48	6	10	15	10	0	1	5.26	.00

## HOUSE DIETARY (NOVEMBER)

---

### MONDAY

- Breakfast:* Oranges, oatmeal, broiled ham, baked potatoes, muffins, coffee, milk.
- Dinner:* Beef stew with dumplings, mashed turnip, apple sago pudding with cream, milk.
- Supper:* Vegetable soup, fried potatoes, rolls, peach sauce, cake, tea, milk.

### TUESDAY

- Breakfast:* Grapes, cream of wheat, steak, baked potatoes, toast, coffee, milk.
- Dinner:* Roast beef, mashed potatoes, lima beans, pie, milk.
- Supper:* Cold meat, potatoes, cream of tartar biscuits, plum sauce, cake, tea, milk.

### WEDNESDAY

- Breakfast:* Bananas, oatmeal, scrambled eggs, bacon, baked potatoes, corn cake, coffee, milk.
- Dinner:* Steak, boiled potatoes, squash, suet pudding, hard sauce, milk.
- Supper:* Soup, baked potatoes, hot rolls, pear sauce, cake, tea, milk.

### THURSDAY

- Breakfast:* Stewed prunes, malt breakfast food, lamb chops, creamed potatoes, muffins, coffee, milk.
- Dinner:* Roast lamb with dressing, mashed potatoes, peas, rice pudding, milk.
- Supper:* Cold ham, fried potatoes, Orleans gems, sauce, cake, tea, milk.

## FRIDAY

- Breakfast:* Baked apples, oatmeal, creamed codfish, baked potatoes, corn cake, coffee, milk.
- Dinner:* Broiled halibut, mashed potatoes, creamed parsnips, fruit jelly with cream, milk.
- Supper:* Oyster stew, baked potatoes, hot gingerbread, blackberry sauce, tea, milk.

## SATURDAY

- Breakfast:* Grapes, cream of wheat, potatoes, griddle cakes, maple syrup, coffee, milk.
- Dinner:* Roast lamb with dressing, mashed potatoes, beets, pie, milk.
- Supper:* Baked beans, brown bread (broiled fish), catsup, stewed apricots, cake, tea, milk.

## SUNDAY

- Breakfast:* Oranges, oatmeal, bacon, baked potatoes, toast, coffee, milk.
- Dinner:* Roast chicken, mashed potatoes, boiled onions, celery, apple tapioca, milk.
- Supper:* Cold meat, bread and butter, sugar cookies, cocoa, milk.
- Lunches:* Milk a.m. and p.m. Eggs as ordered, at meals and lunches.

## DEFINITION OF TERMS

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### *Incipient:*

Slight initial lesion in the form of infiltration limited to the apices of the lungs or to a small part of one lobe.

No tuberculous complications. Slight or no constitutional symptoms (particularly including gastric or intestinal disturbances, or rapid loss of weight).

Slight or no elevation of temperature or acceleration of the pulse at any time during the twenty-four hours, especially after rest.

Expectoration usually small in amount or absent.

Tubercle bacilli may or may not be present.

### *Moderately Advanced:*

No marked impairment of function either local or constitutional.

Localized consolidation moderate in extent with little or no evidence of destruction of tissue; or

Disseminated fibroid deposits.

No serious complications.

### *Far Advanced:*

Marked impairment of function, local and constitutional.

Localized consolidation intense; or

Disseminated areas of softening; or

Serious complications.

### *Acute Miliary Tuberculosis.*

---

## CLASSIFICATION OF RESULTS

### *Unimproved:*

*All essential signs and symptoms unabated or increased.*

### *Improved:*

Constitutional symptoms lessened or entirely absent.

Physical signs improved or unchanged.

Cough and expectoration with bacilli usually present.

*Arrested:*

Absence of all constitutional symptoms.

Expectoration and bacilli may or may not be present.

Physical signs stationary or retrogressive.

All these conditions to have existed for at least two months.

*Apparently Cured:*

All constitutional symptoms and expectoration with bacilli absent for a period of three months.

The physical signs to be those of a healed lesion.

*Cured:*

All constitutional symptoms and expectoration with bacilli absent for a period of two years under ordinary conditions of life.



## TREASURER'S REPORT

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*Dr. S. R. Upham, Chairman Trustees State Sanatorium:*

DEAR SIR.—I herewith submit my report as Treasurer of the New Hampshire State Sanatorium, for the fiscal year, September 1, 1910, to August 31, 1911:—

### CASH, DR.

Received from Solon A. Carter, State Treasurer, on account of maintenance. . . . .	\$12,733.66
Receipts at the Sanatorium. . . . .	6,844.99
Received on account of appropriation of 1911. . . . .	778.97
	<hr/>
	\$20,357.62

### CASH, CR.

Paid as per vouchers on account of maintenance. . . . .	\$19,578.65
Paid on new kitchen and dining-room. . . . .	537.50
Paid on new ward building. . . . .	189.97
Paid on new laundry. . . . .	51.50
	<hr/>
	\$20,357.62

I hereby certify that the above is a true account of all receipts and disbursements made by me as Treasurer for the year September 1, 1910, to August 31, 1911.

CHARLES GALE SHEDD,  
*Treasurer.*

The following is the Treasurer's Report for the year September 1, 1911, to August 31, 1912.

### CASH, DR.

Received from Solon A. Carter, State Treasurer, for maintenance. . . . .	\$24,847.05
Received from Solon A. Carter, State Treasurer, on account, ward building. . . . .	7,810.03

Received from Solon A. Carter, State Treasurer, on account, laundry . . . . .	2,060.00
Received from Solon A. Carter, State Treasurer, on account, kitchen and dining-room . . . . .	20,462.50
Received from Solon A. Carter, State Treasurer, on account, furnishings . . . . .	3,000.00
Received from Solon A. Carter, State Treasurer, on account, laundry machinery . . . . .	1,500.00
Received from State Federation Women's Clubs	200.00
Received from New Hampshire Branch Red Cross Society . . . . .	200.00
	<hr/>
	\$60,179.58

## CASH, CR.

Paid for maintenance . . . . .	\$24,847.05
kitchen and dining-room building . . . . .	20,462.50
men's ward building . . . . .	7,810.03
laundry building . . . . .	2,060.00
laundry machinery . . . . .	1,500.00
furnishings . . . . .	3,000.00
	<hr/>
	\$59,679.58
Balance on hand . . . . .	\$500.00

The above disbursements have been made on bills duly approved by the State Auditor and cancelled checks are in my possession as well as receipted vouchers filed in the office of the State Auditor.

Respectfully submitted,

CHARLES GALE SHEDD,  
*Treasurer.*

Personally appeared Charles Gale Shedd and made oath to the foregoing statement before me, a Justice of the Peace.

FREDERICK H. KINGSBURY,  
*Justice of Peace.*

KEENE, N. H., December 18, 1912.





HEATING PLANT



# ANNUAL REPORTS

OF THE

BOARD OF VISITORS, TRUSTEES, SUPERINTENDENT,  
TREASURER, AND FINANCIAL AGENT OF THE

NEW HAMPSHIRE

# STATE HOSPITAL

TO THE

GOVERNOR AND COUNCIL.

---

AUGUST, 1912.

PRINTED BY IRA C. EVANS CO., CONCORD  
BOUND BY THE CRAGG BINDERY, CONCORD



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## OFFICERS OF THE INSTITUTION.

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### BOARD OF VISITORS.

*(Ex Officio.)*

HIS EXCELLENCY ROBERT P. BASS.

HON. THOMAS ENTWISTLE, Portsmouth.

HON. HARRY T. LORD, Manchester.

HON. BENJAMIN F. GREER, Goffstown.

HON. JOHN M. GILE, Hanover.

HON. GEORGE H. TURNER, Bethlehem.

HON. WILLIAM D. SWART, Nashua,

*President of the Senate.*

HON. FRANK A. MUSGROVE, Hanover,

*Speaker of the House of Representatives.*

---

### BOARD OF TRUSTEES.

E. O. CROSSMAN, *President*, Lisbon.

WILLIAM F. THAYER, Concord.

F. S. TOWLE, M. D., Portsmouth.

GEORGE W. PIERCE, M. D., Winchester.

GEORGE H. SALTMARSH, M. D., Laconia.

JOHN McCRILLIS, Newport.

WILLIAM PARKER STRAW, Manchester.

ROGER G. SULLIVAN, Manchester.

GEORGE M. KIMBALL, M. D., Concord.

HENRY W. ANDERSON, Exeter.

BENJAMIN W. COUCH, Concord.

ARTHUR L. WALLACE, M. D., Nashua.

## RESIDENT OFFICERS.

C. P. BANCROFT, M. D. . . . .	<i>Superintendent</i>
C. H. DOLLOFF, M. D. . . . .	<i>Assistant Superintendent</i>
P. T. HASKELL, M. D. . . . .	<i>First Assistant Physician</i>
A. B. HOWARD, M. D. . . . .	<i>Assistant Physician</i>
H. E. HERRIN, M. D. . . . .	<i>Assistant Physician.</i>
S. G. DAVIS, M. D. . . . .	<i>Assistant Physician</i>
MR. A. F. TANDY . . . . .	<i>Steward</i>
MRS. MARCIA A. DRESSER . . . . .	<i>Housekeeper</i>
MISS BERTHA M. CORNWALL . . . . .	
	<i>Superintendent Training School</i>
MR. M. P. RYAN . . . . .	<i>Supervisor</i>
MR. WILLIAM M. MOORE . . . . .	<i>Engineer</i>

## VISITING COMMITTEE.

---

### FIRST HALF OF MONTHS.

1912.

December. DR. E. O. CROSSMAN, Lisbon.

1913.

January. MR. WILLIAM F. THAYER, Concord.

February. DR. F. S. TOWLE, Portsmouth.

March. DR. GEORGE H. SALTMARSH, Laconia.

April. DR. E. O. CROSSMAN, Lisbon.

May. DR. ARTHUR L. WALLACE, Nashua.

June. DR. GEORGE M. KIMBALL, Concord.

July. HON. HENRY W. ANDERSON, Exeter.

August. MR. BENJAMIN W. COUCH, Concord.

September. MR. JOHN McCRILLIS, Newport.

October. DR. GEORGE W. PIERCE, Winchester.

November. MR. BENJAMIN W. COUCH, Concord.

### SECOND HALF OF MONTHS.

1912.

December. DR. GEORGE W. PIERCE, Winchester.

1913.

January. HON. HENRY W. ANDERSON, Exeter.

February. MR. ROGER G. SULLIVAN, Manchester.

March. MR. WILLIAM P. STRAW, Manchester.

April. MR. W. F. THAYER, Concord.

May. DR. G. H. SALTMARSH, Laconia.

June. MR. JOHN McCRILLIS, Newport.

July. DR. ARTHUR L. WALLACE, Nashua.

August. MR. WM. PARKER STRAW, Manchester.

September. MR. ROGER G. SULLIVAN, Manchester.

October. DR. F. S. TOWLE, Portsmouth.

November. DR. GEORGE M. KIMBALL, Concord.

# REPORT OF BOARD OF VISITORS.

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## STATE OF NEW HAMPSHIRE.

### EXECUTIVE DEPARTMENT.

CONCORD, N. H., November 29, 1912.

The governor and council, as required by law, having visited the New Hampshire State Hospital, inspected the several departments and examined into the condition of the patients, are satisfied that the design of the institution is carried into full effect by the existing management.

ROBERT P. BASS,  
*Governor.*

THOMAS ENTWISTLE,  
HARRY T. LORD,  
BENJAMIN F. GREER,  
JOHN M. GILE,  
GEORGE H. TURNER,  
*Councilors.*

## REPORT OF THE TRUSTEES.

---

*To His Excellency the Governor and the Honorable Council:*

The trustees of the New Hampshire State Hospital present this, their sixty-first report.

The trustees of this institution take pride in their belief that they diligently and faithfully pursue with increasing effort three great general objects to be striven for by boards of trustees of institutions, to wit: the proper and modernized care of the mental and physical condition of the patients, the general care, maintenance and up-keep of the physical condition of a vast amount of the property of the state, and the careful, businesslike expenditure of the large amount of funds of the state necessarily appropriated for the care and maintenance of the institution.

In our last report we recounted the many additions of wings and buildings which the state has made from time to time, and endeavored to show the absolute necessity of the starting of a new unit of construction, recommending as a general model for such unit, the most recent insane hospital construction erected by the state of New York, which was a building containing an administration centre and two wings.

The legislature of 1911 made a special appropriation to cover the cost of the erection of the administration centre and one wing of such a building.

Under the advice and direction of the governor and council, the trustees have proceeded to erect the con-



templated building, which will be ready for occupancy early in 1913, and will relieve the institution of its present burden of dangerous congestion. This building has been so erected that whenever it becomes necessary for the state to add further facilities, the remaining wing may be built without loss or waste of money.

When that very valuable asset, the new central heat, light and power plant, was put into operation, it was found that the wisdom of building it had not been overestimated. An examination of the figures relative to its operation, as to coal consumption, electric lighting, and power, will show that the state has reason to be proud of this plant.

Since our last report the trustees have installed at the institution a pathological laboratory, a room equipped with hydrotherapeutic apparatus for the hydriatic treatment of patients, and a room equipped for dental work.

In all these things the trustees endeavor to keep this institution abreast of the times and in a light favorably comparative with such institutions in other states, making our progress, slowly perhaps, but surely, in the right direction, and always to the best of our judgment within the limits of the reasonable financial means of the state.

The trustees desire to call attention to the figures showing the material results of the operation of the farm on colony lands.

These lands "pay" the state from a money standpoint, and are still more valuable as a part of the remedial facilities of the hospital. We shall recommend to your honorable body the purchase of other accessible lands as they from time to time come into the market.

The trustees have paid particular attention to the matter

of the purchase, distribution and final consumption of all sorts of materials and supplies.

We believe that we are using the best and most modern system that has been evoked for institutional use, covering sample purchase by competitive contract, and checks and balances as to departmental distribution and final consumption.

An inspection of the details of this system of carrying on this very important branch of the management of this institution would be well worth while.

It seems to us that the needs of the hospital are everlasting, and they are so many that we find it necessary to hold back many needed changes and improvements while we attend to those which have become imperative.

At the present time reasonable precaution against fire demands the removal of the carpenter shop from its present location of close proximity to large buildings crowded with patients. The old stable is so near to other buildings that it causes a very unsanitary condition of things and it should be removed. The cow barn is an old building and has fallen into an unsanitary state so that it is now and immediately imperative that a new cow barn should be built according to modern ideas of proper care of the health and general condition of a milk-producing herd.

The superintendent's report is respectfully referred to for his very strong recommendations of the necessity for making these changes.

The trustees take this opportunity to acknowledge the gift to the hospital by Hon. J. B. Walker of a very fine oil painting of himself, which they have caused to be hung in an appropriate place in the chapel. This portrait will serve as a testimonial to countless patients and friends of the hospital of a lifelong service in its behalf.

Since our last report we have lost by resignation on account of ill health the very valuable services of John A.

Spaulding, of Nashua, who had been president of the board of trustees since 1898.

EDGAR O. CROSSMAN,  
WILLIAM F. THAYER,  
GEORGE W. PIERCE,  
JOHN McCRILLIS,  
WILLIAM PARKER STRAW,  
HENRY W. ANDERSON,  
GEORGE W. KIMBALL,  
ROGER G. SULLIVAN,  
BENJAMIN W. COUCH,  
GEORGE H. SALTMARSH,  
FRED S. TOWLE,  
ARTHUR L. WALLACE,

*Trustees of New Hampshire State Hospital.*

CONCORD, N. H., November 21, 1912.

## REPORT OF THE SUPERINTENDENT.

---

The superintendent presents the sixty-ninth and seventieth annual reports of the State Hospital for the years ending August 31, 1911, and August 31, 1912.

The year beginning September 1, 1910, commenced with 909 patients—483 men, and 426 women. The number of patients remaining September 1, 1911, was 938—489 men, and 449 women. The daily average for this year was 923—484 men, and 439 women. The death rate for this period was eleven per cent. The recovery rate for the year based on the number of different persons admitted was 23.07 per cent.

The year beginning September 1, 1911, commenced with 938 patients—489 men, and 449 women. The number of patients remaining September 1, 1912, was 957—499 men, and 458 women. The daily average for this year was 955.9,—496.4 men, and 459.5 women,—an increase of practically 32 patients over the previous year. The death rate for this year was eleven per cent. The recovery rate for the year based on the number of different persons admitted was thirty per cent.

Notwithstanding the installation of jail window guards in that portion of the Peaslee building devoted to the care of the criminal insane, one escape is to be recorded. Assistance from the outside was undoubtedly rendered in this particular instance, an incident which demonstrates that the ordinary hospital for the insane is not a proper place for the detention of certain criminal insane of the desperate class. The majority of the criminal insane as they occur at the prison can undoubtedly be cared for with safety at the hospital, but exceptional cases will from time to time

appear, whose care will call for special conditions not provided by the hospital. In states with a sufficiently large number of the criminal insane a special institution for this class offers the best solution for their care. In New Hampshire there are so few of the criminal insane that the expense of a special institution seems prohibitive. Until the criminal insane in New Hampshire become so numerous as to demand a special criminal asylum, I would suggest a separate ward at the prison for the care of certain exceptional criminals whose criminal record and mental condition is such as to render transfer to the State Hospital unwise and unsafe. In the case of notorious criminals, temporarily insane, there is always the liability of collusion with friends in the outside world, provided they are transferred to the State Hospital where opportunity for such communication may exist. Neither is it desirable, for obvious reasons, to make a prison of the hospital. Prison construction, with its high walls and heavy bars, is not necessary in a hospital for the insane, and is detrimental to the recovery of its curable inmates. It is the writer's belief that a small ward provided with plenty of fresh air and sunlight, and every facility for proper medical treatment, could be erected within the outside walls of our present prison, where the special cases referred to can be observed and treated without the danger of escape. The proximity of the two institutions would facilitate medical consultation. Under such care many in a short time might recover their normal mentality, and return to work in the shop. In any event, the desperate criminal would be accorded proper medical and humane care during his mental illness, and the public interests would be safeguarded.

The electric light and power plant was completed in November, 1911, and on December 1 of that year, at the date of the expiration of the contract with the Concord Electric Company, the hospital assumed its own light and

power. Owing to the small core of the chimney, it was deemed expedient to install an induced draught and economizers. These have been finished, with the result that there is abundant draught and the otherwise wasted heat in the flue gases is utilized in heating the feed water of the boilers or for heating the water for domestic use. During the last winter the new boilers furnished all the heat, light and power for the entire hospital, including the new building, with but very slight addition to the fuel consumption. The appended table, prepared by the engineer, Mr. Moore, shows the fuel used and the work accomplished in the power-house for the years 1911 and 1912. This would seem to be a most favorable showing when it is considered that this includes the heating of the new group as well as the main hospital during an unusually cold winter, and the furnishing of light and power. Mr. Moore's table also shows the financial saving which the hospital has made in generating its own light and power. Even during the summer months, the most unfavorable period for demonstrating a financial saving, the light and power plant showed a saving of approximately \$200 per month.

The last legislature granted an appropriation of \$187,500 for the erection of a new group of buildings with a capacity of two hundred and twelve patients and fifty employees. This unit is now nearly completed, and by approval of your board, has been named the Walker Building, in honor of Hon. Joseph B. Walker, of Concord, whose long, faithful service of sixty years as a trustee of this hospital thus receives a deserved commemoration. It is to be hoped that soon after January, 1913, the building will be ready to receive patients. Out of several bids for the furniture, that of the C. B. Hoitt Company, of Manchester, was the lowest, and the contract was awarded that company. McKenney & Waterbury were the lowest bid-



ders for furnishing and installing the electric light fixtures, and the contract was awarded them. The old boiler-house, by your approval, was ordered to be used for an industrial and storage building. The basement has been rearranged and fitted up for the steamfitter's and electrician's departments. On the first floor is a large rat-proof and partially fire-proof room for the storage of flour and cereals. This room has capacity for three car loads. Adjacent to the flour storage is a large and commodious paint shop with granolithic floor, toilet accommodations, and fire-proof storage for paints and oils. During the summer months, ten patients have been employed in this shop. The remaining space on the first floor is also provided with granolithic floor and will be devoted ultimately to mattress, broom, and brush making, and upholstery. At present, thirty patients are working in this department, making the mattresses for the Walker Building.

The need for a new carpenter shop and storage for lumber near the power station is imperative. The proximity to the main building of so much combustible material is most unwise. For approximately \$7,000 such equipment could be erected. The removal of the carpenter shop and lumber storage from its present location would render possible the establishment of a complete and perfectly equipped industrial building for patients. The first floor and basement have already been thus utilized. On the second floor could be installed shoe-making, cobbling, printing, tailoring, rug-making, basketry and other industrial departments with great benefit to patients and possible profit to the institution. Certainly the potential benefit to patients, aside from any possible financial profit to the institution, is ample reason for the immediate removal of the carpenter shop to a safe location, and the devotion of the entire building to industrial purposes.



The employment of the insane should receive continual study, and no means should be neglected for the industrial training of those whose minds will admit of such endeavor. One of the nurses has been engaged in teaching sewing and rug-making to women patients whose minds have become partially demented, and it is to be hoped that regular classes can be started, and that in this way their dormant faculties can be stimulated. Intelligent women patients will naturally interest themselves in various kinds of needle and fancy work, but the problem of interesting in some useful work the minds of those who are afflicted with a progressive dementing process is a more serious one and elicits the energy of a tactful and skillful teacher. It is to be hoped that the work thus started can be continued and placed upon a perfectly organized and permanent basis.

During the summer months from twelve to fifteen women patients occupied the Spalding cottage at Lake Penacook, and were engaged in sewing and picking berries. Nearly all the sheets, pillow-cases and towelling for the new building were prepared in this way at the summer colony. The women patients thus located formed a very happy family, living as they did under conditions approximating home life; all were engaged in some useful occupation which was a natural and healthful stimulus in itself. At the close of the season four of these patients were returned to their homes, recovered.

At Sunnyside Farm, where twelve male patients have been placed, 2,600 bushels of potatoes were raised in 1911 and 3,200 bushels in 1912. The new barn was finished at this farm, and a silo and power ensilage cutter installed. Several new hen-houses were added and during the season just passed 9,982 dozen eggs were raised. The Abbott farm was cleared up by the patients, and several acres of good pasture land reclaimed. During the spring at Sunny-

side, Mr. Perry, the farm foreman, with his patients, made 200 gallons of maple syrup, and in the winter harvested 4,500 cakes of ice. All these activities have furnished many men patients with employment and healthful diversion.

At the last annual meeting your board authorized the adding of a complete hydrotherapeutic equipment to the otherwise well appointed hospital building, the expense to be met by such income from the legacies as was not already devoted to the assistance of indigent patients. This work has been completed and hydiatic treatment already begun. It is believed that this important remedial agency will be of the greatest benefit to certain classes of patients.

The dental department, also authorized during the last year, has been established in the hospital building, and fitted with the proper appliances. Dr. Harry L. Watson of Manchester was appointed to the position of dentist, and has begun work, taking two half-days every week for the treatment of all patients needing dental care.

The pathological department was equipped and opened during the last winter. Dr. Charles Duncan was appointed pathologist. During his service many autopsies have been performed, as well as routine analysis of blood, urinary and other secretions. The value of such work was clearly demonstrated when an autopsy disclosed the presence of typhoid fever in a demented patient, who had manifested no outward symptoms of the disease. Prompt measures were taken for the detection of other cases, with the result that six patients suffering from typhoid in the same ward were discovered. These were all immediately isolated in the hospital building. The remainder of the patients exposed were all immunized by vaccine prepared by Dr. Duncan. No other cases occurred in the male wards. The presence of this initial case is difficult of explanation. The patient himself was very demented, a long-time

resident of the hospital, and consequently could not have been exposed to infection from outside. If flies or milk contamination had existed it would seem that a more general infection would have ensued. Moreover, during the season typhoid fever was not prevalent in this locality. The presence of some typhoid carrier offers the only plausible explanation of the infection. It is singular that during the past three or four years there have been anywhere from two to five cases of typhoid fever on the women's side of the house. Some of these were traceable to direct importation. This year only one such case occurred among the women patients, and strange to say this single case was an individual who for many years had been a hospital resident, who kept by herself much of the time, and certainly could not have contracted the disease from any source outside the institution.

An interesting investigation has been carried on at this hospital during the past year. By vote of the executive committee the superintendent was authorized to employ a field worker to investigate the hereditary and environmental causation of certain cases at the hospital. This is a subject of immense practical and scientific interest. Whatever we may know of the complex causation of insanity, heredity is certainly one of the most prominent factors. A large proportion of incurable insanity is due to inheritance over which society has no control. By popular enlightenment concerning the laws of heredity much may be accomplished. Similar work is being done in many institutions at the present time. While our efforts in this direction are limited and tentative, it is to be hoped that from such study we shall derive information that will enable us to determine whether permanent work in this field will be practicable and commensurate with the expenditure.

The largest incidence of insanity occurs in the cities

of over 10,000, and in the sparsely settled districts of less than 1,000. Why do the medium sized towns enjoy a certain immunity? In the large cities foreign population, bad sanitary and unhygienic environment, complex social conditions of urban life, may well account for the larger ratio of insanity to the 1,000 of population. But what is the matter with the thinly settled back districts? This incidence did not occur in the early days of our history. Is the native stock degenerating? Have the better, sturdier elements moved to the cities or emigrated from the state? These and similar interesting questions may be solved by intelligent field work. It is certain that we shall never know the solution of these problems except by careful study of the beginnings of mental disease. It is also certain that until we apply the principles of preventive medicine to diseases of the mind we shall find our hospitals for the insane, our institutions for the feeble-minded, filled with incurables. One of the functions of the State Hospital should be the enlightenment of the community as to the nature, causes, and perpetuation of insanity in the state. The causation of insanity is a subject of vital concern to the community. Scarcely less important is the query whether insanity is increasing faster than the normal increase in the population. That insanity is increasing a little more rapidly than the population is admitted by nearly all statisticians, but there is considerable discrepancy of opinion as to the size of this increase. At the present time, several factors tend to swell the statistical increase of insanity. For instance, a diminished popular prejudice against hospitals for the insane leads to more frequent commitments than formerly. Particularly is this true with the senile dementias. Families send their insane senile relatives to the hospital instead of caring for them at home. In doing this they may not be actuated by selfish motives. Improved conditions in hospitals and a change

in popular prejudice probably lead many to feel that their own homes are safer and the patient will receive better care if committed to a hospital. Then there is a more thorough and accurate statistical record of the insane than formerly. Since state care of this class has become prevalent the insane in the community are ascertained and recorded more accurately. Under state supervision, better statistical methods have led to the detection and recording of many insane persons who formerly escaped registration. Formerly many cases were cared for and sometimes secreted in their homes, and thus were unrecorded.

And finally, there is the steady accumulation of the insane within the hospital. Undoubtedly the better care afforded by the hospital has tended to prolong the life of the demented insane, so that within the institution discharges are fewer in number than the admissions, and thus each year witnesses a constant increase in the hospital population, which tends to swell the sum total of the insane population of the state. These three factors,—diminished popular prejudice, better statistical records, and accumulation of insane within institutions owing to increased longevity of the patients,—make the so-called increase of insanity more apparent than real. Just what the actual increase of insanity above the increase of population is has not yet been settled by accurate statistical evidence.

The causation of insanity is worthy the most serious study. Unfortunately the origins of mental disease are most complex. In this respect insanity differs from ordinary physical illness. In the latter a specific cause can usually be conclusively ascertained, and upon its removal the patient promptly recovers. In insanity, on the other hand, not one but many causes contribute to the development of mental illness. Prominent among these causative factors stands heredity. But heredity is not the



simple entity one might at first think. For by heredity we do not necessarily mean some previous mental disturbance in some nearby ancestor. Heredity must be a much more inclusive factor than that. Alcohol in the ancestry, instability of nerve structure, showing itself in emotionalism, hysteria, St. Vitus Dance, and even retarded action of the nervous system, exhibiting itself in dulness and stupidity, degeneracy and feeble-mindedness, all enter into this protean complex which we recognize as heredity. The study of the causes of insanity and especially of the hereditary beginnings of the disease becomes, therefore, most vital if we propose to diminish its prevalence in the community. For this reason, the field work, which has been somewhat tentatively begun during the past year, assumes much importance. The field worker penetrates the remotest corners of our state, investigates the hereditary antecedents of the patient, studies the environmental conditions, searching out all the contributory factors leading up to the mental outbreak in this individual case, and then carefully charts and tabulates the data. It is to be hoped that such detailed investigation carried out over a series of years will so illuminate the antecedents of insanity that society will be enabled thereby to adopt some measures looking toward intelligent prevention. For prevention is the main line of attack by which we may hope to vanquish this most serious disease of civilized life.

Another prominent causative factor of insanity in our state and country is the undesirable immigrant, who, with hereditary handicap, is landed on our shores and soon breaks down under the stress and strain of the strenuous life in a strange land, and becomes permanently insane and a life-long burden on the community. Here again the field work may prove of much value, for such study will disclose the facts, and by prompt report deportation may follow before the patient becomes a permanent burden.

During the first year of the biennial period, twenty-eight per cent. of those admitted were of foreign birth, and during the second year, thirty per cent. There seems to be a slow but steady increase in the foreign-born among the insane population in the state. The conclusion is inevitable that a most rigid scrutiny should be made of immigrants entering our country. Something besides a hasty and superficial examination for trachoma is needed. Far more effective than the present system would be rigid federal inspection at the foreign port of embarkation. Little or no help from the steamship lines can be expected. Mutual international regulation is the only feasible method of controlling the great increase of insanity in this country, due to the defective and hereditarily predisposed among our foreign-born immigrants. Deportation is difficult, because the three-year limit, within which deportation is effective, has often elapsed when the patient is admitted to the hospital.

Among the causes of insanity the three most prominent factors are heredity, alcohol, and the pathological changes incident to old age. In 1911 heredity occurred in 36.8 per cent.; in 1912, 25.3. In 1911 alcohol occurred in 15.9 per cent., and in 1912, in 20.5. In 1911 old age appeared as a cause in 15.9 per cent., and in 1912, in 7.3 per cent. Such percentages can at best be only approximate and are probably underestimated rather than overestimated. They serve to show how important are heredity and alcohol in the causation of this disease, and how vital it is that society should endeavor to curtail the operation of two such potent factors. In the course of time an enlightened intelligence may do much to diminish heredity as a cause. The alcoholic causation of insanity is more directly preventable. That society will deliberately shut its eyes to a danger so imminent is one of the mysterious inconsistencies of civilization.



During the last two years the hospital building has been painted throughout. The painting of the Kent annex is nearly finished.

Fire-hose has been installed at important hydrants at the barn and main building.

A new and modern telephone system has been installed.

New floors have been laid in ward seven throughout, and the entire ward repainted.

As rapidly as possible the old electric light wiring is being replaced with wiring conforming in every particular to the present insurance rules. New electric mains from the power station to the various buildings and wings have been put in place. The rewiring of the Bancroft building and the barn is to be undertaken as soon as the material is received, specifications for which are now being drawn up.

The work of the training school for nurses has progressed satisfactorily. A third year has been added to the course, with manifest advantage to both hospital and nurse. During the third year nurses receive their training in district nursing, and in such general hospitals as are affiliated with the State Hospital.

It was with great regret that the resignation of Miss Etta M. Bagley, superintendent of the training school, was accepted, after two years' faithful service. She was succeeded by Miss Bertha M. Cornwall, whose previous experience and training especially qualify her for her position in this hospital.

No large additions are contemplated at the Hospital during the next biennial period. I feel it my duty to call your attention to one quite imperative need of the hospital, and that is a building to be used for a chapel and assembly hall for the patients. The hospital has long since outgrown its present chapel, and a new detached building for religious services and public entertainments is a real neces-

sity. Moreover, the space occupied by the present chapel is required for other purposes. During the daytime it is already used as a sewing room for women patients. This is a most inconvenient arrangement. From thirty to fifty patients are daily employed here doing all the mending, and much useful and diverting work. Whenever an entertainment or service is to occur, every table and chair must be removed from the hall, and the seats rearranged. Moreover, if this space could be entirely utilized for industrial work by the removal of the stage, a much greater capacity would be secured, and many more patients employed in a greater variety of industries with manifest advantage to themselves. If a new building for religious and other exercises were erected the present chapel could be readily divided into two floors, the lower of which would serve as a sewing and industrial room for women patients. The upper floor could be utilized for rooms for employees, of which there is a great need at the present time. Such a chapel and assembly hall ought not to be an expensive building. It could be easily connected by short subway with the main building, from which access to the heat, light and power station could be readily attained through existing subways and corridors. I earnestly commend this great need of the hospital for your consideration.

I feel it my duty to call attention to the necessity of a new cow stable and the removal of the present horse barn to the vicinity of the other farm buildings. These changes are demanded for sanitary reasons. The horse barn is too near buildings occupied by patients. In spite of every precaution, flies from the stable find ready access to these buildings. In the case of the cow barn a new stable is necessary in order to insure a healthy herd and to maintain pure milk. The present arrangement, although good in its day, is not such as the modern dairy demands. These alterations are not expensive. The health and comfort of the hospital household render them imperative.

Monthly mass has been held throughout the year in the chapel for patients of the Catholic faith, and during nine months weekly Sunday services are held, at which various Protestant clergymen of the city have officiated.

Mrs. Mary A. Tandy, for over thirty years connected with the hospital, during most of which time she held the responsible position of matron, died on the 18th day of May, 1912. Such long continued service is rare, and it is a pleasure to testify to her constant devotion to and interest in the work of the hospital during these many years.

Dr. John B. Macdonald resigned from his position in charge of the hospital building after three years of most excellent service. He was succeeded by Dr. P. T. Haskell, of Concord, who brings to the position a large experience in general practice both in city and country. Dr. M. H. Towle has been succeeded by Dr. H. E. Herrin. Dr. S. G. Davis, after a year's connection with the Mary Hitchcock Hospital at Hanover, accepted a position as assistant physician. Drs. C. H. Dolloff and A. B. Howard still remain in the service of the hospital. The medical staff have been most faithful and devoted to their work.

Hon. J. B. Walker very kindly presented his portrait to the hospital during the past year, and it now appropriately adorns the walls of the chapel. It is rarely that a public official can show a constant service of sixty years. Mr. Walker's connection with the institution as trustee was in itself a remarkable acquisition for the state. During his long period of service he witnessed the hospital grow from small beginnings, and was untiring in his devotion to the manifold interests of the institution.

CHARLES P. BANCROFT, M. D.

CONCORD, N. H., November 21, 1912.

# STATISTICAL TABLES FOR THE YEAR END- ING AUGUST 31, 1911.

TABLE I.

	Men.	Women.	Total.
Patients in hospital September 1, 1910.....	483	426	909
Cases admitted during the year.....	166	135	301
Discharged within the year, including deaths.....	160	112	272
" recovered from first attack.....	30	18	48
" recovered from other than first attack.....	12	9	21
" much improved.....	11	11	22
" improved.....	13	10	23
" not improved.....	13	5	18
" not insane.....	.....	1	1
Eloped, not returned.....	6	.....	6
Deaths.....	75	58	133
Patients remaining September 1, 1911.....	489	449	938
Number of different persons under treatment during year.....	645	558	1,203
Number of different persons admitted during the year.....	165	134	299
Number of different persons recovered during the year.....	42	27	69
Daily average number of patients.....	482.94	438.57	921.51

TABLE II.

*Showing results in all under treatment during the year.*

	Of those in the hospital at the beginning of the year.			Of those admitted during the year.			Total of both classes.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Discharged recovered.....	14	13	27	28	14	42	42	27	69
" much improved.....	9	7	16	2	6	8	11	11	22
" improved.....	8	4	12	5	11	16	13	10	23
" not improved.....	8	.....	8	5	10	15	13	5	18
" not insane.....	.....	.....	.....	1	1	.....	.....	1	1
" eloped.....	6	.....	6	.....	.....	.....	6	.....	6
Deaths.....	44	35	79	31	23	54	75	58	133
Remaining improved.....	60	28	88	19	13	32	.....	.....	120
" not improved.....	343	343	686	66	64	130	.....	.....	816
" not insane.....	.....	.....	.....	1	1	2	1	1	2

TABLE III.

*Admission and discharge from the beginning of the hospital.*

	Men.	Women.	Total.
Admitted.....	5,365	4,889	10,254
Discharged.....	4,876	4,440	9,316
" recovered.....	1,485	1,423	2,908
" improved.....	1,077	1,073	2,150
" not improved.....	891	886	1,777
" not insane.....	46	29	75
" unknown.....	49	39	88
Eloped.....	70	4	74
Died.....	1,258	986	2,244

TABLE IV.

*Showing number and character of those recovered during the year.*

	Cases in which recurrence is established.			Cases in which recurrence is not established.			Total of both classes.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
From first attack.....				31	18	49	31	18	49
" second attack.....				6	6	12	6	6	12
" third attack.....	1	1	2	3		3	4	1	5
" fourth attack.....		1	1	1		1	1	1	2
" eleventh attack.....		1	1					1	1
Total.....	1	3	4	41	24	65	42	27	69

TABLE V.

*Showing duration of insanity in those recovered during the year.*

	Men.	Women.	Total.
Under one month.....	8	2	10
From one to three months.....	13	3	16
" three to four months.....	5	5	10
" four to six months.....	5	4	9
" six to twelve months.....	6	6	12
Over one year.....	5	7	12
Total.....	42	27	69

TABLE VI.

*Showing number of admissions of those admitted during the year.*

	Men.	Women.	Total.
First admission .....	140	102	242
Second admission .....	17	24	41
Third admission .....	5	2	7
Fourth admission .....	2	4	6
Sixth admission .....	1	1	2
Tenth admission .....	1		1
Eleventh admission .....		1	1
Twelfth admission .....		1	1
Total.....	166	135	301

TABLE VII.

*Showing number of attacks in those admitted during the year.*

	Men.	Women.	Total.
First attack.....	136	111	247
Second attack.....	22	15	37
Third attack.....	4	4	8
Fourth attack.....	2	2	4
Fifth attack.....	1		1
Sixth attack.....		1	1
Tenth attack.....	1	1	2
Eleventh attack.....		1	1
Total .....	166	135	301

TABLE VIII.

*Showing duration of insanity on admission.*

	Men.	Women.	Total.
Less than one month.....	49	26	75
One to three months.....	19	18	37
Three to six months.....	20	13	33
Six to nine months.....	9	7	16
Nine to twelve months.....	3	2	5
Twelve to eighteen months .....	9	8	17
Eighteen months to two years .....	4	2	6
Two to three years .....	7	7	14
Three to four years .....	5	3	8
Four to five years .....	4	7	11
Five to ten years .....	4	11	15
Ten to fifteen years .....	4	3	7
Fifteen to twenty years. ....		6	6
Twenty to thirty years .....		4	4
Not insane.....	1	1	2
Congenital.....	13	5	18
Unknown.....	15	12	27
Total .....	166	135	301

TABLE IX.

*Showing ages of those admitted during the year.*

	Men.	Women.	Total.
Under fifteen years.....	0	1	1
From fifteen to twenty years.....	10	7	17
" twenty to twenty-five years.....	18	6	24
" twenty-five to thirty years.....	20	16	36
" thirty to thirty-five years.....	12	8	20
" thirty-five to forty years.....	20	19	39
" forty to forty-five years.....	21	7	28
" forty-five to fifty years.....	9	14	23
" fifty to sixty years.....	18	29	47
" sixty to seventy years.....	17	10	27
" seventy to eighty years.....	14	14	28
Over eighty years.....	7	4	11
Total .....	166	135	301

TABLE X.

*Showing form of disease in those admitted during the year.*

	Men.	Women.	Total.
Senile dementia.....	26	19	45
Manic depressive.....	24	32	56
Dementia præcox.....	26	16	42
Involuntional melancholia.....	8	15	23
Imbecility.....	20	5	25
Imbecility with epilepsy.....	3	4	7
Acute alcoholism.....	16	2	18
Paresis.....	11	3	14
Organic dementia.....	3	9	12
Chronic delusional insanity.....	3	8	11
Acute confusional insanity.....	5	4	9
Epileptic dementia.....	3	6	9
Alcoholic dementia.....	3	0	3
Alcoholic delusional insanity.....	4	0	4
Paranoia.....	5	3	8
Narcomania.....	2	2	4
Cerebral syphilis.....	2	1	3
Uremic delirium.....	0	2	2
Typhoid delirium.....	1	0	1
Hysteria.....	0	2	2
Epilepsy.....	0	1	1
Not insane.....	1	1	2
Total .....	166	135	301



TABLE XI.

*Showing possible causes, or predisposing factors, in cases admitted during the year.*

	Men.	Per cent.	Women.	Per cent.	Total.	Per cent.
Heredity .....	46	27.7	44	32.5	90	29.9
Old age .....	26	16.6	22	16.2	48	15.9
Alcohol .....	45	27.1	2	1.4	47	15.9
Previous attack .....	21	12.6	27	20	48	15.9
Alcoholic heredity .....	15	9.	6	4.4	21	6.9
Epilepsy .....	7	4.2	12	8.8	19	6.3
Menopause .....			17	12.5		
Syphilis .....	8	4.8	3	2.2	11	3.6
Overwork .....	4	2.4	5	3.7	9	2.9
Drug habit .....	4	2.4	3	2.2	7	2.3
Domestic unhappiness ..	1	.6	4	2.9	5	1.6
Child birth .....			5	3.7		
Prison life .....	5	3				
Grief .....			4	2.9	4	1.3
Injury (traumatic) .....	4	2.4			4	1.3
Sexual excesses .....	4	2.4			4	1.3
Ill health .....			3	2.2	3	.9
Poverty and privation ..			2	1.4	2	.6
Bright's disease .....			2	1.4	2	.6
Cerebral apoplexy .....			1	.6	1	.3
Cerebral spinal meningitis .....			1	.6	1	.3
Disappointment in love ..			1	.6	1	.3
Army life .....	1	.6				
Erysipelas (facial) .....			1	.6	1	.3
Fright .....			1	.6	1	.3
Mental shock following extensive burns .....	1	.6			1	.3
Influenza .....			1	.6	1	.3
Insolation .....	1	.6			1	.3
Delirium of typhoid .....	1	.6			1	.3
Cause unascertained ....	17	10.2	9	6.6	26	8.6

TABLE XII.

*Showing civil condition of those admitted during the year.*

	Men.	Women.	Total.
Single .....	92	53	145
Married .....	57	57	114
Widowed .....	11	23	34
Divorced .....	3	1	4
Unknown .....	3	1	4
Total .....	166	135	301

TABLE XIII.

*Showing occupation of those admitted during the year.*

	Men.	Women.	Total.
Laborer .....	39	1	40
Housewife .....		49	49
Housework .....		29	29
Farming .....	27	0	27
Mill operative .....	15	9	24
Shoemaker .....	5	3	8
Carpenter .....	9		9
Painter .....	5	0	5
Merchant .....	4		4
Cook .....	4	0	4
Machinist .....	3		3
Clerk .....	3	0	3
Teamster .....	3		3
Student .....	1	4	5
Manufacturer .....	2		2
Waiter .....	1	1	2
Salesman .....	2	1	3
Draftsman .....	1		1
Stenographer .....	0	1	1
Bookkeeper .....	1	0	1
Barber .....	1		1
Plumber .....	1		1
Tanner .....	1		1
Embroiderer .....		1	1
Lumberman .....	1		1
Railroad section man .....	1		1
Fireman (stationary) .....	1		1
Mattress-maker .....	1		1
Sister of Charity .....		1	1
Clock-maker .....	2		2
Tailor .....	1	0	1
Gardner .....	1		1
Cooper .....	1		1
Lawyer .....	1		1
Electrician .....	2		2
Bell boy .....	1		1
School teacher .....		1	1
Mason .....	1		1
Brick-maker .....	1		1
Maltster .....	1		1
Harness-maker .....	1		1
Optician .....	1		1
Manager racing stable .....	1		1
No occupation .....	11	30	41
Unknown .....	8	4	12
Total .....	166	135	301

TABLE XIV.

*Showing nativity of those admitted during the year.*

	Men.	Women.	Total.
New Hampshire .....	73	62	135
Canada .....	20	20	40
Massachusetts .....	18	8	26
Ireland .....	11	8	19
New York .....	6	7	13
Maine .....	8	5	13
Vermont .....	8	7	15
England .....	1	4	5
Sweden .....		3	3
Finland .....	1	2	3
Germany .....		2	2
Scotland .....	2	1	3
Poland .....	2		2
Italy .....	2		2
Turkey .....	1	1	2
Kentucky .....		1	1
Wisconsin .....	1		1
Austria .....	1		1
Russia .....		1	1
South Carolina .....	1		1
Greece .....	1		1
Pennsylvania .....	1		1
Holland .....	1		1
Michigan .....	1		1
Unknown .....	6	3	9
Total .....	166	135	301

TABLE XV.

*Showing residence of those admitted during the year.*

	Men.	Women.	Total.
Belknap county .....	6	6	12
Carroll county .....	6		6
Cheshire county .....	9	8	17
Coos county .....	8	8	16
Grafton county .....	15	15	30
Hillsborough county .....	41	34	75
Merrimack county .....	28	30	58
Rockingham county .....	21	11	32
Strafford county .....	18	19	37
Sullivan county .....	5	4	9
Prison transfers .....	7		7
Massachusetts .....	1		1
Maine .....	1		1
Total .....	166	135	301

TABLE XVI.

*Showing by what authority committed.*

	Men.	Women.	Total.
By relatives or friends.....	84	107	191
" counties .....	30	15	45
" cities or towns.....	40	13	53
" courts .....	5	0	5
" governor and council .....	7	0	7
Total.....	166	135	301

TABLE XVII.

*Showing by whom supported.*

	Men.	Women.	Total.
State.....	117	87	204
Private .....	29	20	49
Private with aid.....	18	28	46
Town .....	1	.....	1
County .....	1	.....	1
Total.....	166	135	301

TABLE XVIII.

*Showing deaths during the year and their causes.*

	Men.	Women.	Total.
Organic heart disease.....	9	5	14
Valvular disease of the heart.....	11	2	13
Myocarditis.....	2	2	4
Acute endocarditis.....	1	0	1
Chronic endocarditis.....	2	0	2
Acute cardiac dilatation.....	1	0	1
Coronary embolism.....	0	1	1
Fatty degeneration of the heart.....	0	1	1
Pulmonary tuberculosis.....	6	5	11
"    embolism.....	0	1	1
"    oedema.....	1	0	1
Tubercular enteritis.....	0	1	1
Chronic Bright's disease.....	3	9	12
Acute nephritis.....	1	0	1
Pyelonephritis.....	1	0	1
Acute congestion of lungs in epilepsy.....	1	0	1
Paresis.....	7	1	8
Epilepsy.....	3	2	5
Arteriosclerosis.....	2	1	3
Broncho pneumonia.....	3	3	6
Lobar pneumonia.....	0	1	1
Hypostatic pneumonia.....	2	0	2
Cerebral hemorrhage.....	5	8	13
Cerebral embolism.....	1	0	1
Organic dementia.....	1	1	2
Senile dementia.....	1	1	2
Melancholia.....	1	2	3
Dementia præcox.....	1	0	1
Acute mania.....	1	2	3
Gastro enteritis.....	1	3	4
Heat exhaustion.....	2	1	3
Senile gangrene.....	1	0	1
Volvulus of intestine.....	1	0	1
Typhoid fever.....	1	0	1
Secondary anemia.....	1	0	1
Septicemia.....	1	0	1
Senility.....	0	2	2
Surgical shock.....	0	1	1
Suicide by strangulation.....	0	2	2
Total.....	75	58	133

TABLE XIX.

*Showing ages at time of death.*

	Men.	Women.	Total.
Under twenty years.....	1	0	1
Between twenty and thirty years.....	4	5	9
“ thirty and forty years.....	9	12	21
“ forty and fifty years.....	15	5	20
“ fifty and sixty years.....	12	15	27
“ sixty and seventy years.....	13	8	21
“ seventy and eighty years.....	15	9	24
“ eighty and ninety years.....	6	4	10
Total.....	75	58	133

TABLE XX.

*Showing ages of those remaining at end of year.*

	Men.	Women.	Total.
Under twenty years.....	9	9	18
From twenty to thirty.....	57	37	94
“ thirty to forty.....	115	86	201
“ forty to fifty.....	110	103	213
“ fifty to sixty.....	104	103	207
“ sixty to seventy.....	60	59	119
“ seventy to eighty.....	30	39	69
Over eighty.....	4	13	17
Total.....	489	449	938

TABLE XXI.

*Showing duration of disease in those remaining at the end of the year.*

	Men.	Women.	Total.
Less than one month.....	0	2	2
From one to three months.....	10	7	17
" three to six months.....	14	11	25
" six to nine months.....	11	8	19
" nine to twelve months.....	4	4	8
" twelve to eighteen months.....	34	28	62
" eighteen months to two years ..	9	2	11
" two to three years.....	40	32	72
" three to four years.....	35	41	76
" four to five years.....	55	33	88
" five to ten years.....	108	108	216
" ten to fifteen years .....	54	50	104
" fifteen to twenty years .....	32	38	70
" twenty to twenty-five years .....	27	26	53
" twenty-five to thirty years.....	20	19	39
" thirty to forty years.....	9	26	35
Over forty .....	11	10	21
Unknown .....	15	4	19
Not insane .....	1	.....	1
Total.....	489	449	938

TABLE XXII

*Showing contribution of patients to this hospital during the year in proportion to population.*

	Men.	Women.	Total.	Ratio to Population.
From cities over 10,000, representing a population of 174,112 .....	70	59	129	1-1350
From cities and towns between 10,000 and 5,000, representing a population of 40,074 .....	15	10	25	1-1600
From towns between 5,000 and 1,000, representing a population of 141,231 .....	42	46	88	1-1600
From towns of less than 1,000, representing a population of 75,155 .....	30	20	50	1-1500
From prison and out of state.....	9	.....	9	.....
Total.....	166	135	301	1-1500



# STATISTICAL TABLES, 1911-1912.

TABLE I.

	Men.	Women.	Total.
Patients in hospital September 1, 1911 .....	489	449	938
Cases admitted during the year .....	183	144	327
Discharged within the year, including deaths .....	172	136	308
" recovered from first attack .....	39	28	67
" recovered from other than first attack .....	19	11	30
" much improved .....	12	8	20
" improved .....	9	6	15
" not improved .....	10	10	20
" not insane .....	3	1	4
Eloped, not returned .....	13	0	13
Deaths .....	67	72	139
Patients remaining September 1, 1912 .....	499	458	957
Number of different persons under treatment during year .....	663	589	1,252
Number of different persons admitted during the year .....	174	140	314
Number of different persons recovered during the year .....	57	39	96
Daily average number of patients .....	496.4	469.5	955.9

TABLE II.

*Showing results in all under treatment during the year.*

	Of those in the hospital at the beginning of the year.			Of those admitted during the year.			Total of both classes.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
Discharged recovered .....	13	14	27	45	25	70	58	39	97
" much improved .....	5	4	9	7	4	11	12	8	20
" improved .....	5	2	7	4	4	8	9	6	15
" not improved .....	2	4	6	8	14	10	10	10	20
" not insane .....	1	1	2	2	0	2	3	1	4
" eloped .....	12	0	12	1	0	1	13	0	13
Deaths .....	39	48	87	28	24	52	67	72	139
Remaining improved .....	68	39	107	20	21	41	88	60	148
Remaining not improved .....	350	346	696	60	52	112	410	398	808
Remaining not insane .....	.....	.....	.....	1	.....	1	1	.....	1

TABLE III.

*Admission and discharge from the beginning of the hospital.*

	Men.	Women.	Total.
Admitted .....	5,548	5,033	10,581
Discharged .....	5,048	4,576	9,624
" recovered .....	1,543	1,462	3,005
" improved .....	1,098	1,087	2,185
" not improved .....	901	896	1,797
" not insane .....	49	30	79
" unknown .....	49	39	88
Eloped .....	83	4	87
Died .....	1,325	1,058	2,383

TABLE IV.

*Showing number and character of those recovered during the year.*

	Cases in which recurrence is established.			Cases in which recurrence is not estab- lished.			Total of both classes.		
	Men.	Women.	Total.	Men.	Women.	Total.	Men.	Women.	Total.
From first attack .....				39	23	67	39	23	67
" second attack .....	2	2	4	6	1	7	8	3	11
" third attack .....	2	2	4	1	1	2	3	3	6
" fourth attack .....	4	1	5				4	1	5
" fifth attack .....	3	1	4				3	1	4
" sixth attack .....		1	1					1	1
" eighth attack .....		1	1					1	1
" tenth attack .....	1	1	2				1	1	2
Total .....	12	9	21	46	30	76	58	39	97

TABLE V.

*Showing duration of insanity in those recovered during the year.*

	Men.	Women.	Total.
Under one month .....	11		11
From one to three months .....	10	13	23
" three to four months .....	4	1	5
" four to six months .....	8	5	13
" six to twelve months .....	13	8	21
Over one year .....	12	12	24
Total .....	58	39	97

TABLE VI.

*Showing number of admissions of those admitted during the year.*

	Men.	Women.	Total.
First admission.....	153	117	270
Second admission.....	16	18	34
Third admission.....	7	5	12
Fourth admission.....	3	.....	3
Fifth admission.....	2	.....	2
Sixth admission.....	.....	1	1
Seventh admission.....	1	.....	1
Eighth admission.....	.....	1	1
Thirteenth admission.....	1	.....	1
Unknown.....	.....	2	2
Total.....	183	144	327

TABLE VII.

*Showing number of attacks in those admitted during the year.*

	Men.	Women.	Total.
First attack.....	144	116	260
Second attack.....	10	13	23
Third attack.....	4	6	10
Fourth attack.....	6	1	7
Fifth attack.....	1	1	2
Eighth attack.....	.....	1	1
Thirteenth attack.....	1	.....	1
Unknown.....	17	6	23
Total.....	183	144	327

TABLE VIII.

*Showing duration of insanity on admission.*

	Men.	Women.	Total.
Less than one month.....	52	36	88
One to three months.....	36	20	56
Three to six months.....	12	9	21
Six to nine months.....	11	17	28
Nine to twelve months.....	2	3	5
Twelve to eighteen months.....	15	6	21
Two to three years.....	1	6	7
Three to four years.....	8	5	13
Four to five years.....	3	3	6
Five to ten years.....	9	8	17
Ten to fifteen years.....	3	8	11
Fifteen to twenty years.....	4	1	5
Twenty to thirty years.....	3	6	9
Thirty to forty years.....	1	1	2
Forty to fifty years.....	.....	1	1
Congenital.....	4	1	5
Unknown.....	19	13	32
Total.....	183	144	327

TABLE IX.

*Showing ages of those admitted during the year.*

	Men.	Women.	Total.
From fifteen to twenty.....	5	8	13
" twenty to twenty-five.....	17	8	25
" twenty-five to thirty.....	25	9	34
" thirty to thirty-five.....	11	19	30
" thirty-five to forty.....	25	17	42
" forty to forty-five.....	24	11	35
" forty-five to fifty.....	9	9	18
" fifty to sixty.....	26	30	56
" sixty to seventy.....	25	16	41
" seventy to eighty.....	13	13	26
Over eighty.....	3	4	7
Total.....	183	144	327

TABLE X.

*Showing form of disease in those admitted during the year.*

	Men.	Women.	Total.
Manic depressive.....	20	45	65
Dementia præcox.....	29	23	52
Acute alcoholism.....	34	2	36
Senile dementia.....	17	16	33
Paresis.....	13	7	20
Involutional melancholia.....	11	17	28
Acute confusional.....	6	6	12
Organic dementia.....	7	3	10
Paranoia and allied states.....	3	8	11
Chronic alcoholism.....	10	.....	10
Alcoholic delusional.....	2	.....	2
Alcoholic dementia.....	1	.....	1
Alcoholic hallucinosis.....	3	1	4
Presenile insanity.....	.....	1	1
Epileptic insanity.....	3	1	4
Epileptic dementia.....	1	4	5
Imbecility.....	11	4	15
High grade imbecility.....	6	0	6
Hysteria.....	2	3	5
Neurasthenia.....	.....	1	1
Morphinism.....	.....	2	2
Huntington's chorea.....	1	.....	1
Traumatic insanity.....	1	.....	1
Not insane.....	2	.....	2
Total.....	183	144	327

TABLE XI.

*Showing possible causes, or predisposing factors, in cases admitted during year.*

	Men.	Per cent.	Women.	Per cent.	Total.	Per cent.
Heredity.....	36	19.6	47	32.6	83	25.3
Alcohol.....	65	35.5	2	1.3	67	20.5
Syphilis.....	4	2.1	1	.7	5	1.5
Overwork and worry....	1	.5	4	2.7	5	1.5
Old age.....	12	6.4	11	7.6	23	7.3
Ill health.....	2	1.0	8	5.4	10	3.0
Cerebral hemorrhage. .	1	.5	2	1.3	3	.9
Menopause.....			7	4.8	7	
Child birth.....			5	3.4	5	
Trauma.....	5	2.5	2	1.3	7	2.2
Prison routine.....	3	1.5			3	.9
Fever.....	2	1.0			2	.6
Epilepsy.....	3	1.5	2	1.3	5	1.5
Sunstroke.....	3	1.5			3	.9
Previous attacks.....	1	.5	6	4.1	7	2.1
Morphine.....	1	.5	2	1.3	3	.9
Financial loss.....	1	.5	1	.7	2	.6
Grief.....			1	.7	1	.3
Fright.....			2	1.3	2	.6
Cases showing no possible cause.....	28	15.3	30	20.8	58	17.7

TABLE XII.

*Showing civil condition of those admitted during the year.*

	Men.	Women.	Total.
Single.....	75	39	114
Married.....	80	72	152
Widowed.....	21	30	51
Divorced.....	4	3	7
Unknown.....	3	0	3
Total.....	183	144	327

TABLE XIII.

*Showing occupation of those admitted during the year.*

	Men.	Women.	Total.
Housewife.....		49	49
Housework.....		38	38
Farmer.....	32		32
Laborer.....	27		27
Mill operative.....	9	7	16
Painter.....	13		13
Shoe operative.....	5	4	9
Mechanic.....	9		9
Carpenter.....	8		8
Merchant.....	6	1	7
Weaver.....	2	5	7
Lumberman.....	5		5
Fireman.....	3		3
Dressmaker.....		3	3
Stonecutter.....	3		3
Storeclerk.....	3		3
Blacksmith.....	3		3
Traveling salesman.....	3		3
Teamster.....	3		3
Student.....	2	1	3
Pianist.....		2	2
Newspaper man.....	2		2
Telegraph operative.....	2		2
Engineer.....	2		2
Peddler.....	2		2
Mason.....	2		2
Millwright.....	2		2
Silversmith.....	2		2
Printer.....	2		2
Hotel-keeper.....	1		1
Teacher.....		1	1
Tailor.....	1		1
Manufacturer.....	1		1
Hostler.....	1		1
Harness-maker.....	1		1
Cooper.....	1		1
Baker.....	1		1
Nurse.....		1	1
Canvasser.....		1	1
Moulder.....	1		1
Bookkeeper.....		1	1
Conductor.....	1		1
Expressman.....	1		1
Letter-carrier.....	1		1
Tanner.....	1		1
Tinsmith.....	1		1
Physician.....	1		1
Barge captain.....	1		1
No occupation.....	10	27	37
Unknown.....	6	3	9
Total.....	183	144	327

TABLE XIV.

*Showing nativity of those admitted during the year.*

	Men.	Women.	Total.
New Hampshire.....	97	64	161
Canada.....	27	27	54
Ireland.....	5	11	16
Vermont.....	10	5	15
Massachusetts.....	7	5	12
Maine.....	5	4	9
England.....	2	5	7
Russia.....	3	2	5
New York.....	1	3	4
Scotland.....		3	3
Italy.....	1	1	2
Syria.....	2		2
Turkey.....	2		2
New Jersey.....	1	1	2
Greece.....	2		2
Poland.....	2		2
Sweden.....	1	1	2
Pennsylvania.....		1	1
Germany.....		1	1
Finland.....	1		1
Austria.....	1		1
Ohio.....		1	1
Armenia.....	1		1
State unknown.....	8	6	14
Unknown.....	4	3	7
Total.....	183	144	327

TABLE XV.

*Showing residence of those admitted during the year.*

	Men.	Women.	Total.
Hillsborough.....	51	44	95
Merrimack.....	47	22	69
Rockingham.....	16	18	34
Grafton.....	14	16	30
Strafford.....	13	10	23
Coos.....	17	6	23
Belknap.....	10	6	16
Cheshire.....	7	9	16
Sullivan.....	6	7	13
Carroll.....	2	6	8
Total.....	183	144	327



TABLE XVI.

*Showing by what authority committed.*

	Men.	Women.	Total.
By relatives or friends.....	81	112	193
" state commissioners of lunacy.....	2	3	5
" counties.....	35	22	57
" town or city.....	50	7	57
" governor and council.....	11	.....	11
" courts.....	3	.....	3
" self.....	1	.....	1
Total .....	183	144	327

TABLE XVII.

*Showing by whom supported.*

	Men.	Women.	Total.
State.....	110	70	180
Private.....	50	35	85
Private with aid.....	19	38	57
Town .....	3	.....	3
County .....	1	.....	1
City .....	.....	1	1
Total.....	183	144	327

TABLE XVIII.

*Showing deaths during the year and their causes.*

	Men.	Women.	Total.
Exhaustion in melancholia.....	2	7	9
“ senile dementia.....	2	3	5
“ secondary dementia.....	1	1	2
“ dementia præcox.....	1	1	2
“ acute mania.....	2	.....	2
Cerebral hemorrhage.....	9	9	18
Uterine hemorrhage (puerperal).....	.....	1	1
Gastric hemorrhage.....	.....	1	1
Paresis.....	10	6	16
Valvular disease of the heart.....	7	10	17
Chronic nephritis.....	6	9	15
Pulmonary tuberculosis.....	5	2	7
Carcinoma.....	1	2	3
Gastro-enteritis.....	2	6	8
Broncho-pneumonia.....	2	2	4
Hypostatic-pneumonia.....	1	.....	1
Cerebral abscess.....	.....	1	1
Strangulated hernia.....	.....	1	1
Heat exhaustion.....	.....	1	1
Diabetes mellitus.....	.....	1	1
Arterio sclerosis.....	1	2	3
Myocarditis.....	3	2	5
Cholangio-cystitis.....	.....	1	1
Gangrene.....	.....	1	1
Tuberculosis of intestines.....	.....	1	1
Acute alcoholism.....	2	1	3
Chronic alcoholism.....	1	.....	1
Septicemia.....	2	.....	2
Acute cholecystitis.....	1	.....	1
Measles.....	1	.....	1
Typhoid.....	1	.....	1
Suicide.....	1	.....	1
Abscess of liver.....	1	.....	1
Fracture of femur.....	1	.....	1
Epileptic coma.....	1	.....	1
Total.....	67	72	139

TABLE XIX.

*Showing ages at time of death.*

	Men.	Women.	Total.
Between twenty and thirty years.....	6	2	8
" thirty and forty years .....	7	13	20
" forty and fifty years.....	13	14	27
" fifty and sixty years.....	16	17	33
" sixty and seventy years .....	13	11	24
" seventy and eighty years .....	8	12	20
" eighty and ninety years.....	3	3	6
" ninety and one hundred years.....	1	.....	1
Total .....	67	72	139

TABLE XX.

*Showing ages of those remaining at end of year.*

	Men.	Women.	Total.
Under twenty.....	6	5	11
From twenty to thirty years .....	64	43	107
" thirty to forty years.....	110	92	202
" forty to fifty years.....	115	103	218
" fifty to sixty years.....	98	92	190
" sixty to seventy years.....	62	59	121
" seventy to eighty years.....	37	43	80
Over eighty years.....	2	16	18
Unknown.....	5	5	10
Total.....	499	458	957

TABLE XXI.

*Showing duration of disease in those remaining at the end of the year.*

	Men.	Women.	Total.
Less than one month.....	3	2	5
From one to three months.....	9	4	13
“ three to six months.....	9	13	22
“ six to nine months.....	10	12	22
“ nine to twelve months.....	11	7	18
“ twelve to eighteen months.....	35	27	62
“ eighteen months to two years.....	11	6	17
“ two to three years.....	27	33	60
“ three to four years.....	28	27	55
“ four to five years.....	48	40	88
“ five to ten years.....	122	102	224
“ ten to fifteen years.....	67	50	117
“ fifteen to twenty years.....	28	35	63
“ twenty to twenty-five years.....	22	25	47
“ twenty-five to thirty years.....	19	19	38
“ thirty to forty years.....	14	27	41
Over forty years.....	12	10	22
Unknown.....	9	7	16
Congenital.....	15	12	27
Total.....	499	458	957

TABLE XXII.

*Showing contribution of patients to this hospital during the year in proportion to population.*

	Men.	Women.	Total.	Ratio to population.
From cities over 10,000, representing a population of 174,112.....	94	70	164	1-1000
From cities and towns between 10,000 and 5,000, representing a population of 40,074.....	15	12	27	1-1400
From towns between 5,000 and 1,000, representing a population of 141,231.....	42	38	80	1-1700
From towns of less than 1,000, representing a population of 75,155.....	26	24	50	1-1500
From prison and out of state.....	6	0	6	.....
Total.....	183	144	327	1-1400

TABLE XXIII.

*Statistics of admissions, discharges, and deaths from the opening of the hospital.*

Year.	Admitted.	Discharged and died.	Recovered.	Improved.	Unimproved.	Died.	Whole number under treatment.	Remaining at end of hospital year.	Daily averages of the hospital.		
									Men.	Women.	Total.
1843	76	29	12	10	6	1	76	47	.....	.....	.....
1844	104	81	37	20	19	5	151	70	.....	.....	.....
1845	88	82	37	17	22	6	158	76	.....	.....	.....
1846	98	76	26	23	16	11	174	98	.....	.....	.....
1847	89	87	38	17	23	9	187	100	.....	.....	.....
1848	92	83	29	20	26	8	192	109	.....	.....	.....
1849	81	76	36	15	11	14	190	114	.....	.....	.....
1850	103	90	45	18	20	7	217	127	.....	.....	.....
1851	88	98	45	25	16	12	215	117	.....	.....	.....
1852	107	106	66	13	16	11	224	118	.....	.....	.....
1853	132	107	65	25	11	8	250	143	.....	.....	.....
1854	141	123	63	24	22	14	284	161	.....	.....	.....
1855	95	91	50	20	9	12	246	155	.....	.....	.....
1856	85	96	66	13	7	10	250	154	.....	.....	.....
1857	97	81	47	15	7	12	251	170	.....	.....	.....
1858	76	77	34	20	5	18	246	169	.....	.....	.....
1859	98	85	31	22	18	14	267	182	.....	.....	.....
1860	85	83	38	16	12	17	267	184	94.0	88.0	182.0
1861	106	94	34	34	10	16	290	196	90.0	100.0	190.0
1862	86	94	42	32	7	13	282	188	88.7	105.7	101.4
1863	101	85	30	32	17	16	289	204	87.4	105.9	193.3
1864	105	92	36	16	17	23	309	217	99.4	107.4	206.8
1865	107	102	42	23	14	22	324	223	102.5	115.9	218.4
1866	104	91	26	28	16	21	327	236	106.3	122.6	228.9
1867	117	107	39	24	27	17	353	246	119.3	122.6	241.9
1868	118	129	51	39	18	21	364	235	118.5	121.27	239.77
1869	95	93	42	20	9	22	330	237	113.7	129.9	243.6
1870	130	114	37	34	20	23	367	253	123.1	125.9	249.0
1871	135	163	65	37	29	32	388	225	119.8	123.44	242.82
1872	152	123	55	31	16	21	377	254	109.36	125.19	234.55
1873	194	172	61	51	27	33	448	273	127.8	139.5	267.3
1874	140	137	42	44	27	22	416	281	140.4	127.5	267.9
1875	120	140	53	37	30	20	401	261	136.6	138.1	274.7
1876	140	122	35	34	27	26	401	279	121.4	139.1	260.5
1877	119	118	36	38	27	17	398	280	124.2	150.3	274.5
1878	114	128	35	36	30	17	394	276	128.9	143.8	272.7
1879	73	81	27	23	8	23	349	268	126.3	143.8	290.1
1880	111	94	28	27	22	17	379	285	127.4	147.6	275.0
1881	134	117	33	39	23	22	419	302	133.3	158.6	291.9
1882	104	121	38	26	27	30	406	285	131.0	159.1	290.1
1883	133	123	41	23	34	25	418	295	120.3	164.1	284.4
1884	141	127	18	41	44	24	436	309	124.3	169.5	293.8
1885	138	122	30	20	36	36	447	322	128.3	181.9	310.2
1886	138	143	43	30	34	34	460	317	139.82	182.37	322.19
1887	143	128	32	28	28	33	460	328	137.22	184.12	321.34
1888	137	125	33	26	35	28	465	339	150.49	183.59	334.08
1889	155	158	41	38	34	36	494	337	161.06	175.80	336.86
1890	276	223	79	28	63	53	602	364	166.52	184.57	351.09
1891	173	165	42	40	37	38	527	372	175.62	184.99	360.61
1892	169	181	51	39	40	42	531	359	181.40	182.38	363.78
1893	166	154	47	35	34	37	508	368	183.72	193.63	369.02
1894	187	152	52	33	27	35	542	402	190.14	193.35	383.49
1895	175	165	55	45	27	36	566	414	199.57	204.79	404.36
1896	181	171	42	44	34	40	586	422	201.31	210.65	411.96
1897	147	147	38	30	30	36	561	422	210.26	214.60	424.86

TABLE XXIII.—*Continued.*

Year.	Admitted.	Discharged and died.	Recovered.	Improved.	Unimproved.	Died.	Whole number under treatment.	Remaining at end of hospital year.	Daily averages of the hospital.		
									Men.	Women.	Total.
1898	150	163	46	40	34	33	567	409	201.93	210.71	412.64
1899	179	161	48	26	34	39	577	427	202.38	220.88	423.26
1900	149	151	37	37	26	49	568	425	198.42	221.71	420.13
1901	202	193	52	56	31	49	617	434	203.12	222.53	425.65
1902	247	217	76	53	25	56	670	464	223.86	242.49	466.35
1903	240	215	52	41	66	50	702	490	232.21	242.75	475.16
1904	303	213	57	46	32	69	782	580	260.26	257.63	517.89
1905	290	227	61	46	26	77	852	643	321.60	294.09	615.69
1906	234	209	58	29	34	73	864	668	343.75	308.27	652.02
1907	278	238	63	52	18	91	970	708	361.68	327.49	689.17
1908	299	176	56	28	12	68	1010	831	390.17	326.74	716.91
1909	292	248	65	43	19	112	1114	875	465.17	399.16	864.33
1910	293	259	66	33	23	131	1168	909	467.08	421.15	888.23
1911	301	272	69	45	18	133	1203	938	482.94	438.57	921.51
1912	327	308	97	35	20	139	1517	957	496.4	459.5	955.9

## TREASURER'S REPORT.

FOR THE YEAR ENDING AUGUST 31, 1911.

I respectfully submit the following report of the finances of the institution for the year ending August 31, 1911, to the trustees:

### RECEIPTS:

Balance on hand September 1, 1910.....	\$10,259.48
Cash received from State Treasurer for maintenance .....	175,565.71
Cash received for board of private patients..	45,548.09
Cash received for board of town patients....	761.99
Cash received for board of county patients..	399.43
Cash received from financial agent as income from the John Conant fund.....	296.00
Cash received from financial agent as income from the Isaac Adams fund .....	147.00
Cash received from Financial Agent for aid to indigent insane .....	8,000.00
Cash received from financial agent for improvement of grounds .....	500.00
Cash received for articles sold.....	5,071.78
Cash received for articles sold other institutions:	
Butter .....	\$321.09
Cheese .....	77.39
Eggs .....	60.00
Flour .....	512.13
Kitchen furnishings .....	3.38



Sugar .....	\$633.00	
Soap .....	9.78	
Sundries .....	4.13	
		<hr/>
		\$1,620.90
Received from all other sources.....		288.47
		<hr/>
		\$248,458.85

## EXPENDITURES.

## Salaries, Wages and Labor:

Medical services .....	\$8,151.55	
Ward services (male) .....	15,071.65	
Ward services (female) .....	15,780.15	
General administration .....	29,718.97	
Repairs and improvements.....	6,652.67	
Farm, stable and grounds.....	6,268.57	
		<hr/>
		\$81,643.56

## Food:

Butter .....	\$5,610.19
Butterine .....	2,088.51
Beans .....	1,541.76
Bread and crackers.....	1,006.58
Coffee .....	773.45
Cocoa .....	67.24
Cereals, rice, meal, etc. ....	920.17
Cheese .....	577.61
Eggs .....	1,576.53
Flour .....	7,865.35
Fish .....	2,792.33
Fruit (dried and fresh) .....	1,331.59
Lard .....	763.54
Meats .....	11,931.72
Molasses and syrup .....	524.16
Potatoes .....	2,725.88
Sugar .....	3,171.98

Tea .....	\$809.77	
Vegetables .....	251.49	
Sundries (groceries) .....	5,419.18	
	<hr/>	\$51,749.03
Clothing and Clothing Material:		
Boots, shoes and rubbers.....	\$2,238.96	
Clothing .....	4,658.42	
Dry goods for clothing and small wares .....	2,218.68	
Furnishing goods .....	6.00	
Hats and caps .....	105.34	
Sundries .....	94.92	
	<hr/>	9,322.32
Furnishings:		
Beds, bedding, table linen, etc..	\$2,262.42	
Brushes, brooms, etc. ....	366.34	
Carpets, rugs, etc. ....	179.43	
Crockery, glassware, cutlery, etc.	694.40	
Furniture and upholstery.....	882.78	
Kitchen furnishings .....	704.04	
Woodenware, buckets, pails, etc..	28.60	
Sundries .....	1,171.21	
	<hr/>	6,289.22
Heat, Light and Power:		
Coal .....	\$25,539.58	
Freight on coal .....	2,817.46	
Electricity .....	4,767.95	
Gas .....	462.18	
Oil (illuminating) .....	107.39	
Oil (lubricating) .....	147.44	
Power .....	72.00	
Sundries .....	29.86	
	<hr/>	33,943.86
Repairs and Renewals:		
Brick .....	\$33.00	
Cement, lime and plaster.....	351.95	

Doors, sashes, etc.....	\$143.71
Electrical work and supplies....	1,436.02
Hardware, iron, steel, etc.....	1,093.75
Lumber .....	3,517.86
Machinery, etc.....	257.66
Mechanics and laborers not on pay-roll .....	7,299.83
Paints, oils, glass, etc. ....	1,892.11
Plumbing, steam-fitting and sup- plies .....	4,405.76
Roofing and materials .....	333.77
Sundries .....	598.78

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\$21,364.20

Farm, Stable and Grounds:

Blacksmith and supplies .....	\$799.58
Carriages, wagons, etc., and re- pairs .....	233.24
Fertilizers, vines, seeds, etc. ....	1,565.46
Hay, grain, etc. ....	6,438.74
Harnesses and repairs .....	311.86
Horses .....	490.00
Cows .....	360.00
Other live stock .....	839.40
Laborers not on pay-roll.....	122.63
Tools, farm machines, etc.....	249.83
Veterinary services and med- icines .....	196.00
Sundries .....	1,259.09

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12,865.83

Miscellaneous:

Articles furnished and charged. \$3,450.56	
Books, periodicals, etc. ....	178.40
Broom stock .....	456.23
Chapel services and entertain- ments .....	886.15

Freight, expressage and transportation .....	\$2,229.17	
Funeral expenses .....	642.00	
Laundry soap .....	386.94	
Laundry supplies .....	1,043.29	
Medicines and hospital supplies.	2,192.09	
Medical attendance, etc. (extra)	37.40	
Postage .....	647.81	
Printing and printing supplies..	321.47	
Return of runaways.....	25.48	
Rental of coal shed .....	458.37	
Soap .....	832.59	
Stationery and office supplies...	511.70	
Training school instruction (extra) .....	69.60	
Travel and expenses (officials) ..	248.18	
Telephone and telegraph.....	313.71	
Tobacco .....	643.80	
Water .....	2,971.65	
Sundries .....	342.05	
	<hr/>	\$18,888.64

## SPECIAL APPROPRIATION.

Provisions for the criminal insane (paid from maintenance appropriation by author- ity of the governor and council).....	2,132.71	
	<hr/>	
Total expenditures .....	\$238,199.37	
Balance of income carried to new account...	10,259.48	
	<hr/>	\$248,458.85

C. P. BANCROFT,  
*Treasurer.*

November 21, 1912.

I hereby certify that I have examined the books and accounts of the treasurer of the New Hampshire State Hospital from September 1, 1910, to August 31, 1911, and that I found the same correctly kept, with all expenditures sustained by proper vouchers, and a balance of \$10,259.48 to be carried to new account.

WM. PARKER STRAW,  
*Auditor.*

November 16, 1911.

## TREASURER'S REPORT.

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FOR THE YEAR ENDING AUGUST 31, 1912.

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I respectfully submit the following report of the finances of the institution for the year ending August 31, 1912, to the trustees:

### RECEIPTS.

Balance on hand September 1, 1912.....	\$10,259.48
Cash received from state treasurer for main- tenance .....	181,143.38
Cash received for board of private patients..	46,831.37
Cash received for board of town patients....	624.12
Cash received for board of county patients..	160.89
Cash received from financial agent as income from the John Conant fund.....	256.00
Cash received from financial agent as income from the Isaac Adams fund.....	147.00
Cash received from financial agent for aid to indigent insane .....	8,000.00
Cash received from financial agent for im- provement of grounds .....	500.00
Cash received for articles sold.....	4,956.07
Cash received for articles sold other institu- tions:	
Butter .....	\$426.40
Cheese .....	67.05
Flour .....	432.10
Sugar .....	455.10
Sundries .....	6.53
	<hr/>
	1,387.18
Cash received from all other sources.....	434.60
	<hr/>
	\$254,700.09

## EXPENDITURES.

## Salaries, Wages and Labor:

Medical services .....	\$8,526.27
Ward services (male).....	14,917.64
Ward services (female).....	18,427.80
General administration .....	31,918.57
Repairs and improvements.....	6,785.64
Farm, stable and grounds .....	6,408.71

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 \$86,984.63

## Food:

Butter .....	\$7,572.53
Butterine .....	2,429.29
Beans .....	1,131.14
Bread and crackers .....	1,372.87
Broma and Cocoa .....	71.96
Coffee .....	1,119.35
Cereals, rice and meal.....	1,393.57
Cheese .....	633.73
Eggs .....	1,894.94
Flour .....	6,032.05
Fish .....	3,060.79
Fruit (dried and fresh) .....	1,459.44
Lard .....	1,178.96
Meat .....	12,352.95
Milk .....	151.80
Molasses and syrup.....	1,495.86
Potatoes .....	2,541.11
Sugar .....	6,899.71
Tea .....	557.07
Vegetables .....	49.26
Groceries (sundries).....	7,523.47

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 60,921.85

## Clothing and Clothing Material:

Boots, shoes and rubbers.....	\$1,428.72
Clothing .....	5,635.46



## Dry goods for clothing, and small

wares .....	\$1,831.29
Hats and caps .....	3.15

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 \$8,898.62

## Furnishings:

Beds, bedding, table linen, etc...	\$3,525.10
Brushes, Brooms, etc.....	202.87
Carpets, rugs, etc. ....	87.37
Crockery, glassware, cutlery, etc.	1,054.70
Furniture and upholstery.....	489.51
Kitchen furnishings.....	1,638.56
Sundries .....	2,081.12

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 9,079.23

## Heat, Light and Power:

Coal .....	\$12,779.53
Freight on coal .....	3,018.23
Electricity .....	1,192.03
Gas .....	522.56
Lamps (electric) .....	351.67
Oil (illuminating) .....	173.77
Oil (lubricating) .....	205.35
Power (electric).....	18.00
Sundries .....	87.91

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 18,349.05

## Repairs and Renewals:

Brick .....	\$129.40
Cement, lime and plaster .....	442.48
Doors, sashes, etc. ....	49.60
Electrical work and supplies...	1,841.78
Hardware, iron, steel, etc.....	942.19
Lumber .....	1,939.58
Machinery, etc. ....	280.13
Mechanics and laborers not on pay-roll .....	5,763.63
Paints, oil, glass, etc. ....	1,642.52

Plumbing, steam-fitting and supplies .....	\$2,174.13	
Roofing and materials.....	147.61	
Sundries .....	1,002.96	
Paint shop—floor .....	610.00	
Broom and mattress shop—floor.	600.00	
	<hr/>	\$17,566.01
Farm, Stable and Grounds:		
Blacksmith and supplies.....	\$633.96	
Carriages, wagons, etc., and repairs .....	1,017.00	
Fertilizers, vines, seeds, etc. . .	2,803.34	
Hay, grain, etc. ....	10,647.39	
Harnesses and repairs .....	324.14	
Horses .....	1,175.00	
Cows .....	592.50	
Other live stock.....	642.83	
Mechanics and laborers not on pay-roll .....	120.30	
Tools, farm machines, etc. ....	724.51	
Veterinary services and medicines	149.30	
Sundries .....	1,793.25	
	<hr/>	20,623.52
Miscellaneous:		
Articles furnished and charged.	\$1,630.53	
Books, periodicals, etc.....	258.70	
Chapel services and entertainments .....	996.16	
Fire apparatus .....	454.67	
Freight, expressage and transportation .....	1,209.69	
Funeral expenses .....	526.00	
Laundry soap .....	353.34	
Laundry supplies .....	3,316.62	
Medical attendance, etc. (extra).	125.00	

Medicines and hospital supplies.	\$2,807.83	
Postage .....	737.74	
Printing and printing supplies..	252.50	
Return of runaways.....	56.54	
Rental of coal shed.....	541.71	
Soap .....	1,672.38	
Stationery and office supplies...	1,216.49	
Training school instructions (extra) .....	70.80	
Travel and expenses (officials) ..	591.58	
Telephone and telegraph.....	327.03	
Tobacco .....	619.67	
Water .....	3,044.40	
Sundries .....	177.59	
	<hr/>	\$20,986.97

## SPECIAL APPROPRIATION.

Provisions for criminal insane (paid from maintenance appropriation by authority of the governor and council) .....	\$1,030.73	1,030.73
	<hr/>	<hr/>
		\$244,440.61
Balance of income carried to new account..		10,259.48
		<hr/>
		\$254,700.09

C. P. BANCROFT,  
*Treasurer.*

November 21, 1912.

I hereby certify that I have examined the books of Charles P. Bancroft, treasurer of the New Hampshire State Hospital, for the year ending August 31, 1912, and have satisfied myself as to their correctness. I find a balance in the hands of the treasurer of \$10,259.48.

WM. PARKER STRAW,  
*Auditor.*

November 21, 1912.

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#### OFFICERS' SALARIES.

Superintendent .....	\$3,000.00
Treasurer .....	500.00
Assistant superintendent .....	1,500.00
First assistant physician .....	1,200.00
Assistant physician .....	1,000.00
Assistant physician .....	800.00
Engineer .....	1,500.00
Steward .....	1,200.00
Matron .....	600.00

# FINANCIAL REPORT OF THE BUILDING COMMITTEE.

LEGISLATIVE APPROPRIATION OF 1909-10.

## RECEIPTS.

1909.

July	10.	Received from Solon A. Carter, state treasurer .....	\$668.63
	13.	Received from Solon A. Carter, state treasurer .....	572.97
Aug.	6.	Received from Solon A. Carter, state treasurer .....	7,757.00
		Received from Solon A. Carter, state treasurer .....	2,871.58
	26.	Received from Braman, Dow & Co., rebate freight.....	48.26
Sept.	1.	Received from Solon A. Carter, state treasurer .....	8,596.84
	10.	Received from Solon A. Carter, state treasurer .....	454.13
	22.	Received from Solon A. Carter, state treasurer .....	350.00
Oct.	4.	Received from Solon A. Carter, state treasurer .....	1,213.97
	15.	Received from Solon A. Carter, state treasurer .....	9,335.41
	28.	Received from Solon A. Carter, state treasurer .....	145.74
Nov.	2.	Received from Solon A. Carter, state treasurer .....	898.58
Nov.	11.	Received from Solon A. Carter, state treasurer .....	617.05

Dec.	2.	Received from Solon A. Carter, state treasurer .....	\$3,180.75
	11.	Received from Solon A. Carter, state treasurer .....	2,570.00
	29.	Received from Solon A. Carter, state treasurer .....	6,110.47
1910.			
Jan.	7.	Received from Solon A. Carter, state treasurer .....	2,471.53
Mar.	4.	Received from Solon A. Carter, state treasurer .....	5,026.66
April	2.	Received from Solon A. Carter, state treasurer .....	311.90
	30.	Received from Solon A. Carter, state treasurer .....	397.86
May	19.	Received from Solon A. Carter, state treasurer .....	602.99
June	4.	Received from Solon A. Carter, state treasurer .....	1,208.39
		Received from Solon A. Carter, state treasurer, for cash ad- vanced to meet payments on account of pay-roll for steam- fitters, etc. ....	1,633.32
	17.	Received from Solon A. Carter, state treasurer .....	467.26
July	1.	Received from Solon A. Carter, state treasurer .....	1,505.52
	22.	Received from Solon A. Carter, state treasurer .....	2,096.64
Aug.	6.	Received from Solon A. Carter, state treasurer .....	2,623.23
	31.	Received from Solon A. Carter, state treasurer .....	525.25
Sept.	14.	Received from Solon A. Carter, state treasurer .....	2,000.00

Nov.	30.	Received from Solon A. Carter, state treasurer .....	\$1,491.06
	4.	Received from Solon A. Carter, state treasurer .....	1,800.51
	11.	Received from George A. Weld Co., rebate on freight.....	12.04
	30.	Received from Solon A. Carter, state treasurer .....	6,217.02
Dec.	9.	Received from Solon A. Carter, state treasurer .....	4,125.90
1911.			
Feb.	2.	Received from Solon A. Carter, state treasurer.....	2,232.85
		Received from Braman, Dow & Co., plumbing and steam fitting supplies returned .....	633.88
Mar.	30.	Received from Solon A. Carter, state treasurer .....	610.01
May	12.	Received from Braman, Dow & Co., plumbing and steam fitting supplies returned .....	220.07
Oct.	19.	Received from Solon A. Carter, state treasurer .....	104.70
Nov.	3.	Received from Solon A. Carter, state treasurer .....	175.77
Dec.	19.	Received from Solon A. Carter, state treasurer .....	2,966.50
1912.			
Feb.	5.	Received from Solon A. Carter, state treasurer .....	373.23
Nov.	15.	Received from Solon A. Carter, state treasurer .....	1,614.28
		Received from all other sources	216.74
			<hr/> \$89,056.49



## EXPENDITURES.

1909.

June	9.	Paid Concord Water-Works, pay-roll, May 31 to June 9.....	\$294.47
	10.	Paid Concord Water-Works, iron pipe and fittings.....	141.45
	12.	Paid pay-roll, June 1-12, steam-fitters .....	117.16
		Paid Kendall, Taylor & Co., architects' fee .....	100.00
		Paid N. H. State Hospital, advertising for proposals .....	8.55
		Paid Union Publishing Co., advertising for proposals .....	7.00
July	13.	Paid F. W. Webb Mfg. Co., cast iron pipe and fittings.....	313.33
		Paid Kendall, Taylor & Co., architects' fee.....	50.00
		Paid George L. Theobald, teaming .....	9.00
		Paid pay-roll, June 14-30.....	200.64
Aug.	6.	Paid engineer's certificate No. 1, boiler-house contract .....	7,757.00
		Paid Ludlow Valve Mfg. Co., valves and hydrants for barn fire main .....	96.12
		Paid Braman, Dow & Co., steam pipe and fittings for boiler house .....	875.90
		Paid Lynchburg Foundry Co., water main for barn .....	444.67
		Paid pay-roll, July 1-31.....	98.06
		Paid B. & M., freight on pipe..	95.77
		Paid Crane & Co., valves and fittings for boiler house.....	512.06

Aug.	6.	Paid Braman, Dow & Co., steam pipe and fittings for boiler house .....	\$749.00
Sept.	1.	Paid C. L. Fellows & Co., certificate No. 2, boiler house contract .....	8,045.00
		Paid Braman, Dow & Co., pipe and valves .....	455.31
		Paid Jenkins Bros., packing...	13.23
		Paid Concord Light & Power Co., pipe and fittings .....	9.80
		Paid pay-roll, August 1-14....	73.50
	11.	Paid for steamfitters' labor in boiler house, August 15-31....	79.13
		Paid George L. Theobald for moving boilers from station to boiler house .....	375.00
	22.	Paid Fred F. Stockwell, assignee, for five sets Lamprey arch protectors .....	350.00
Oct.	4.	Paid for labor, diggers, September 13-21 .....	35.89
		Paid Braman, Dow & Co., Boston, for five pairs of heavy pipe tongs .....	44.34
		Paid Braman, Dow & Co., pipe and fittings for boiler house...	218.01
		Paid Perfection Grate Co., Springfield, Mass., for five Perfection grates .....	788.29
		Paid Crane Co., for heavy flange tee .....	31.94
		Paid for labor, steamfitter and helper .....	95.50
	15.	Paid Braman, Dow & Co., for valve and flanges .....	57.23

Oct.	15.	Paid Knowlton Packing Co., Newtonville, Mass., for sheet packing .....	\$25.04
		Paid Sidney Smith, first pay- ment on contract for boiler set- ting .....	1,500.00
		Paid C. L. Fellows & Co., first payment on coal pocket con- tract .....	2,640.00
		Paid C. L. Fellows & Co., third payment on boiler house con- tract .....	5,000.00
		Paid American Steam Gauge & Valve Mfg. Co., Boston, Mass., for five safety valves .....	113.14
	29.	Paid for steamfitter and helper.	31.50
		Paid American Steam Gauge & Valve Mfg. Co., for balance due on five safety valves.....	60.76
		Paid Concord Pipe Co., Con- cord, for soil pipe and fittings for boiler house .....	48.35
		Paid Orr & Rolfe, Concord, one soil pipe fitting .....	.35
		Paid Wm. H. Gallison Co., Bos- ton, for nuts and bolts for boiler house piping .....	4.78
Nov.	2.	Paid Hodge Boiler Works, East Boston, for two receiving and one blow-off tanks .....	226.00
		Paid Braman, Dow & Co., W. I. pipe and fittings for boiler house .....	247.53
		Paid Braman, Dow & Co., for one 700 H. P. Wainwright hot water heater .....	420.00

Nov.	9.	Paid Braman, Dow & Co., for brass pipe and fittings and one chain hoist .....	\$283.80
		Paid Knowlton Packing Co., Newtonville, for packing.....	59.86
	11.	Paid steamfitters, labor in boiler house .....	161.44
		Paid Braman, Dow & Co., for ex- haust head, pipe, and fittings..	161.42
		Paid Wm. H. Gallison Co., Bos- ton, extra heavy pipe fittings for boiler house .....	3.84
Dec.	2.	Paid C. L. Fellows & Co., second payment on coal pocket con- tract .....	3,000.00
		Paid Hodge Boiler Works, East Boston, for one receiving tank for boiler house .....	146.00
		Paid Concord Pipe Co., for plumbing stock for Peaslee building .....	34.75
	11.	Paid C. L. Fellows & Co., third payment on boiler house con- tract .....	2,050.00
		Paid C. L. Fellows & Co., first payment on Peaslee building toilet-room contract .....	400.00
		Paid Dalton-Ingersoll Mfg. Co., Boston, plumbing fixtures for Peaslee building toilet room...	120.00
	29.	Paid C. L. Fellows & Co., for third payment on coal pocket contract .....	736.00
		Paid Dalton-Ingersoll Mfg. Co., Boston, for slop sinks and fit- tings for Peaslee toilet rooms..	70.50

Dec.	29.	Paid Kendall, Taylor & Co., Boston, for architects' commission for plans for coal pocket. ....	\$520.94
		Paid Walter L. Jenks & Co., Concord, for boiler house hardware	52.52
		Paid C. L. Fellows & Co., for fourth payment on boiler house contract .....	3,985.49
		Paid C. L. Fellows & Co., for extra mason work required in boiler settings and concrete floors .....	745.51
1910.			
Jan.	15.	Paid Sidney Smith, second payment on boiler setting contract	533.32
		Paid Braman, Dow & Co., for heavy flanged tees for boiler house piping .....	77.04
Feb.	10.	Paid C. L. Fellows & Co., fourth payment on coal pocket contract .....	1,494.00
Mar.	4.	Paid Hodge Boiler Works, East Boston, first payment on boiler contract .....	5,000.00
		Paid Braman, Dow & Co., Boston, for tinned copper for Peaslee plumbing .....	16.31
		Paid Dalton-Ingersoll Mfg. Co., Boston, for bolts for Peaslee plumbing .....	6.60
		Paid Monitor & Statesman Co., for advertising for proposals..	3.75
April	4.	Paid C. L. Fellows & Co., for balance due on Peaslee toilet rooms .....	201.50

April	4.	Paid Sidney Smith, for extra work on boiler settings.....	\$33.60
		Paid C. L. Fellows & Co., fifth payment on boiler and coal house contracts .....	76.80
May	6.	Paid Richard D. Kimball Co., Boston, architects' commission on electric light, heat, and power plant .....	247.86
		Paid the Fairbanks Co., Boston, for rails and spikes for track in coal pocket and boiler house	150.00
	19.	Paid Dalton-Ingersoll Mfg. Co., Boston, bath-tubs and fittings for Peaslee toilet rooms.....	186.90
		Paid Braman, Dow & Co., for pipe and fittings for boiler house .....	327.38
		Paid C. L. Fellows & Co., final payment on coal pocket contract .....	23.20
		Paid C. L. Fellows & Co., final payment on boiler house contract .....	65.51
	26.	Paid Braman, Dow & Co., pipe and fittings for boiler house..	100.91
		Paid Braman, Dow & Co., pipe and fittings for boiler house..	711.38
June	8.	Paid the Fairbanks Co., one coal car for boiler house.....	76.00
		Paid the Fairbanks Co., one set of scales for boiler house.....	96.00
		Paid Dalton-Ingersoll Mfg. Co., plumbing for boiler house....	21.35
		Paid Braman, Dow & Co., steam-fitters' labor, connecting boilers with heating system .....	52.00

June	8.	Paid steamfitters and helpers, labor for month of May in connecting up boiler house with heating system .....	\$150.75
	17.	Paid Braman, Dow & Co., pipe and fittings for boiler house..	62.88
		Paid Richard D. Kimball Co., architects' commission for plans and specifications for heat, light, and power plant, second payment on account...	200.00
		Paid Braman, Dow & Co., for steam pipe and fittings for boiler house .....	140.98
		Paid Braman, Dow & Co., for steamfitters' labor, connecting boiler house with heating system .....	57.20
		Paid Braman, Dow & Co., for one swing check valve.....	6.20
	20.	Paid Braman, Dow & Co., for pipe and fittings for boiler house .....	65.05
July	2.	Paid Simpson Bros. Corporation, Boston, for laying re-enforced concrete floor on second story of boiler house.....	398.97
		Paid Braman, Dow & Co., for extractors and separators for boiler house .....	578.59
		Paid Braman, Dow & Co., steam pipe and fittings for connecting boiler house with heating system .....	470.76



July	2.	Paid Braman, Dow & Co., steam-fitters' labor in connecting boiler house with heating system .....	\$57.20
	22.	Paid Braman, Dow & Co., steam pipe and fittings for boiler house .....	605.76
		Paid Braman, Dow & Co., steam pipe and fittings for boiler house .....	93.43
		Paid steamfitters and helpers for month of June, connecting up boiler house with heating system .....	265.25
		Paid Braman, Dow & Co., steam-fitters and helpers for month of June, connecting up boiler house with heating system....	62.40
		Paid the Fairbanks Co., for rails and switches for track leading from coal pocket to boiler room .....	177.08
		Paid Braman, Dow & Co., steam pipe fittings for connecting boiler house with heating system .....	74.34
		Paid Braman, Dow & Co., steam pipe fittings for connecting boiler house with heating system .....	237.19
		Paid Braman, Dow & Co., steam pipe fittings for connecting boiler house with heating system .....	189.73
		Paid Braman, Dow & Co., steam pipe fittings for connecting boiler house with heating system .....	251.41

July	22.	Paid Hutchinson Bldg. Co., Concord, Monitor sash adjusters for boiler house.....	\$75.00
Aug.	6.	Paid Braman, Dow & Co., steam pipe and fittings used in connecting boiler house with heating system .....	206.50
		Paid Braman, Dow & Co., steam pipe and fittings used in connecting boiler house with heating system .....	5.47
		Paid Braman, Dow & Co., plumbing fixtures for boiler house .....	12.00
		Paid Braman, Dow & Co., for steam pipe, valves, and fittings used in connecting boiler house with heating system.....	1,237.26
		Paid Braman, Dow & Co., for steam pipe, valves, and fittings used in connecting boiler house with heating system.....	8.89
	10.	Paid Braman, Dow & Co., labor of steamfitters connecting up boiler house with present heating system .....	57.20
		Paid steamfitters and helpers for connecting up boiler house with present heating system for month of July .....	248.25
		Paid H. W. Johns-Manville Co., Boston, for coveringsmoke flue leading to chimney, inside and outside boiler house, as per contract .....	463.32

Aug.	10.	Paid Simpson Bros. Corporation, for laying granolithic floor in boiler room as per contract.	\$353.14
		Paid Braman, Dow & Co., for labor of steamfitter connecting up boilers with present heating system .....	31.20
	25.	Paid Braman, Dow & Co., steam pipe and fittings for connecting boiler house with heating system .....	138.51
		Paid Braman, Dow & Co., steam pipe and fittings for connecting boiler house with heating system .....	22.93
		Paid Fairbanks Co., three coal cars .....	166.19
		Paid Sidney Smith, third and final payment on boiler settings .....	266.68
		Paid Hodge Boiler Works, East Boston, second and final payment on boilers .....	367.00
		Paid Braman, Dow & Co., valve used in connecting boilers with present heating system.....	61.25
		Paid Braman, Dow & Co., steam pipe and fittings used in connecting boilers with heating system .....	114.65
		Paid Braman, Dow & Co., labor of steamfitters connecting up boilers with present heating system .....	116.13
		Paid Braman, Dow & Co., steam-fittings for boiler house.....	2.58

Aug.	25.	Paid Bowker, Torrey Co., Boston, for slate for toilet room, boiler house .....	\$60.15
		Paid Braman, Dow & Co., steam-fittings for boiler house.....	37.48
		Paid Braman, Dow & Co., steam-fittings for boiler house.....	34.33
	26.	Paid Braman, Dow & Co., for steamfitters connecting up new boilers with present heating system .....	62.40
		Paid Braman, Dow & Co., steam-fittings for boiler house .....	7.29
	30.	Paid Braman, Dow & Co., steam pipe, fittings, and valves for connecting boilers with present heating system .....	151.79
		Paid Braman, Dow & Co., valves for connecting boilers with present heating system.....	14.83
		Paid Braman, Dow & Co., brass pipe, valves and unions for connecting boilers with present heating system.....	58.14
		Paid Braman, Dow & Co., steam-fitters, for connecting up boilers with present heating system .....	31.20
	31.	Paid steamfitters and helpers, for work on connecting up boilers with heating system for month of August .....	286.34
		Paid Braman, Dow & Co., for steamfitters connecting up boilers with heating system..	62.40

Aug.	31.	Paid Braman, Dow & Co., steam-pipe and fittings used in connecting boilers with heating system .....	\$103.03
		Paid Braman, Dow & Co., one 2½" Ross feed water filter with gauges for boilers .....	245.00
		Paid Braman, Dow & Co., steam-fitting for boiler room.....	5.79
		Paid Braman, Dow & Co., two Anderson steam traps for boiler house .....	31.59
		Paid Braman, Dow & Co., galvanized W. I. pipe for boiler house .....	77.57
Oct.	22.	Paid Braman, Dow & Co., plumbing supplies .....	3.73
		Paid Braman, Dow & Co., plumbing supplies .....	26.17
		Paid Braman, Dow & Co., labor .....	62.40
		Paid George A. Weld Co., steam-fitting supplies .....	450.00
		Paid the Bristol Co., Bristol recording gauge .....	32.00
		Paid Braman, Dow & Co., labor .....	49.70
		Paid Braman, Dow & Co., plumbing supplies .....	11.52
		Paid Boston Fire Proof Covering Co., steam pipe covering contract .....	419.81
		Paid pay-roll for September...	80.75
		Paid Braman, Dow & Co., plumbing supplies .....	7.73
		Paid R. D. Kimball Co., third payment on electric plant contract .....	195.67
		Paid Braman, Dow & Co., labor .....	31.20

Oct.	22.	Paid Braman, Dow & Co., plumbing supplies .....	\$14.78
		Paid Braman, Dow & Co., labor	105.60
Nov.	4.	Paid Braman, Dow & Co., steam- fittings .....	172.13
		Paid Braman, Dow & Co., labor	31.20
		Paid H. W. Johns-Manville Co., 80% of work and stock on pipe covering contract .....	1,122.20
		Paid Orr & Rolfe, heating and ventilating of engineer's and engine room in boiler house...	313.64
		Paid pay-roll for October.....	58.50
		Paid Braman, Dow & Co.....	62.40
		Paid Braman, Dow & Co., steam- fittings .....	32.52
		Paid Braman, Dow & Co., steam- fittings .....	7.92
		Paid Braman, Dow & Co., labor	31.20
		Paid Braman, Dow & Co., plumbing supplies .....	97.64
Dec.	5.	Paid Wetmore-Savage Co., elec- trical supplies .....	1,960.25
		Paid Braman, Dow & Co., plumbing supplies .....	57.42
		Paid Ridgeway Dynamo & Engine Co., part payment on engines .....	4,082.55
	10.	Paid Westinghouse Electric & Manufacturing Co., part pay- ment on generators.....	2,940.15
		Paid Taunton-New Bedford Copper Co., part payment on switchboard .....	1,185.75
1911.			
Jan.	4.	Paid Wetmore-Savage Co., elec- trical supplies .....	146.81

Jan.	4.	Paid Morss & Whyte Co., railing .....	\$48.00
		Paid Edgar H. Hunter, services in connection with electric plant .....	100.00
	11.	Paid Simpson Brothers Corporation, laying granolithic floor in engine house .....	407.00
	20.	Paid Richard D. Kimball Co., services in connection electric plant .....	299.40
Feb.	3.	Paid Braman, Dow & Co., plumbing and and steam fitting supplies .....	93.80
		Paid Westinghouse Electric & Mfg. Co., final payment on generators .....	517.56
		Paid Ridgeway Dynamo & Engine Co., final payment on engines .....	620.28
	21.	Paid Taunton-New Bedford Copper Co., final payment on switchboard .....	208.05
Mar.	7.	Paid Braman, Dow & Co., plumbing supplies .....	22.92
		Paid Richard D. Kimball Co., final payment on steam heating contract .....	497.92
	15.	Paid H. W. Johns-Manville Co., final payment on pipe covering contract .....	515.00
	22.	Paid Crosby Steam Gauge and Valve Co., supplies .....	57.51
April	7.	Paid Richard D. Kimball Co. (account H. H. Harvey), for drill press .....	79.63



April	24.	Paid Wetmore-Savage Co., electrical supplies .....	\$312.07
May	6.	Paid Cushman Electric Co., part payment on motor contract..	996.03
		Paid Fay & Scott, for machine tools .....	454.40
		Paid Manning, Maxwell & Moore, for Putnam Lathe ....	56.85
		Paid Taylor Machinery Co., for Blount grinding machine ....	20.00
July	29.	Paid Manning, Maxwell & Moore, for freight .....	10.15
Aug.	10.	Paid New Hampshire State Hospital, for labor.....	13.36
Oct.	20.	Paid Richard D. Kimball Co., for services on induced draught apparatus for boiler house...	104.70
Nov.	3.	Paid Cushman Electric Co., final payment on motor contract...	175.77
	18.	Paid Sidney Smith, first payment on induced draught apparatus .....	2,966.50
1912.			
Feb.	6.	Paid Sidney Smith, final payment on induced draught apparatus .....	523.50
		Paid Richard D. Kimball Co., for services on induced draught apparatus for boiler house....	69.80
Nov.	15.	Paid Braman, Dow & Co., part payment on economizer.....	1,831.02
			<hr/>
			\$89,056.49

C. P. BANCROFT,  
*Treasurer Building Committee.*

November 21, 1912.

STATEMENT OF APPROPRIATION ACCOUNT OF  
1909-1910 TO NOVEMBER 15, 1912.

Amount of appropriation, 1909-1910.....	\$85,000.00
Proceeds of bonds, less expense of printing...	2,925.50
	<hr/>
	\$87,925.50

Total receipts:

Received from state treasurer..\$87,925.50

Received from all other sources. 1,130.99

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\$89,056.49

Total expenditures ..... \$89,056.49

C. P. BANCROFT,

*Treasurer Building Committee.*

November 21, 1912.

# FINANCIAL REPORT OF THE BUILDING COMMITTEE.

## LEGISLATIVE APPROPRIATION OF 1911-12.

### RECEIPTS.

1911.			
July	7.	Received from Solon A. Carter, state treasurer .....	\$4,107.34
Sept.	3.	Received from Solon A. Carter, state treasurer .....	38.23
	23.	Received from Solon A. Carter, state treasurer .....	1,998.42
Aug.	11.	Received from Solon A. Carter, state treasurer .....	3,520.37
Oct.	19.	Received from Solon A. Carter, state treasurer .....	9,894.73
Nov.	17.	Received from Solon A. Carter, state treasurer .....	10,289.68
Dec.	19.	Received from Solon A. Carter, state treasurer .....	23,774.09
1912.			
Jan.	20.	Received from Solon A. Carter, state treasurer .....	11,028.70
		Received from Solon A. Carter, state treasurer .....	189.00
Feb.	21.	Received from Solon A. Carter, state treasurer .....	4,039.00
		Received from Solon A. Carter, state treasurer .....	8,000.00
Mar.	16.	Received from Solon A. Carter, state treasurer .....	10,424.05
April	22.	Received from Solon A. Carter, state treasurer .....	9,482.65

May	18.	Received from Solon A. Carter, state treasurer .....	\$8,153.84
		Received from Solon A. Carter, state treasurer .....	684.42
June	20.	Received from Solon A. Carter, state treasurer .....	16,245.29
		Received from Solon A. Carter, state treasurer .....	744.90
July	3.	Received from Solon A. Carter, state treasurer .....	15,000.00
Sept.	20.	Received from Solon A. Carter, state treasurer .....	1,345.57
Oct.	17.	Received from Solon A. Carter, state treasurer .....	4,098.26
Nov.	15.	Received from Solon A. Carter, state treasurer .....	7,771.81
			<hr/>
			\$150,830.35

## EXPENDITURES.

1911.			
July	10.	Paid Kendall, Taylor & Co., ar- chitects' commission.....	\$4,071.25
		Paid Manchester Union Co., for advertising proposals.....	4.69
		Paid Globe Newspaper Co., for advertising proposals .....	11.20
		Paid Boston Herald Co., for ad- vertising proposals .....	7.40
		Paid Patriot Publishing Co., for advertising proposals.....	8.80
		Paid Monitor & Statesman Co., for advertising proposals .....	4.00
Aug.	4.	Paid the John B. Clarke Co., for advertising proposals .....	8.45

Aug.	4.	Paid Lloyd & Mann, surveyors' fees .....	\$29.78
	23.	Paid Hutchinson Building Co., for first payment on building contract .....	1,827.50
		Paid Kendall, Taylor & Co., architects' commission .....	170.92
Sept.	12.	Paid Kendall, Taylor & Co., architects' commission .....	158.62
		Paid Hutchinson Building Co., second payment on building contract .....	3,361.75
Oct.	20.	Kendall, Taylor & Co., architects' commission .....	221.73
		Paid Hutchinson Building Co., third payment on building contract .....	9,673.00
Nov.	17.	Paid Kendall, Taylor & Co., architects' commission .....	221.43
		Paid Wells & Newton Co., first payment on plumbing contract .....	425.00
		Paid Hutchinson Building Co., fourth payment on building contract .....	9,643.25
Dec.	19.	Paid Hutchinson Building Co., fifth payment on building contract .....	22,904.95
		Paid Kendall, Taylor & Co., architects' commission .....	359.14
		Paid Wells & Newton Co., second payment on plumbing contract .....	510.00
1912.			
Jan.	20.	Paid Hutchinson Building Co., sixth payment on building contract .....	9,733.75

Jan.	20.	Paid Wells & Newton Co., third payment on plumbing contract.	\$1,062.00
		Paid Kendall, Taylor & Co., architects' commission .....	232.95
		Paid Braman, Dow & Co., for installing Star gate valves in power house .....	189.00
Feb.	21.	Paid Kendall, Taylor & Co., architects' commission .....	163.75
		Paid Hutchinson Building Co., seventh payment on building contract .....	2,897.25
		Paid Wells & Newton Co., fourth payment on plumbing contract.	978.00
		Paid Braman, Dow & Co., first payment on heating contract..	8,000.00
Mar.	16.	Paid Hutchinson Building Co., eighth payment on building contract .....	8,257.75
		Paid Wells & Newton Co., fifth payment on plumbing contract	722.50
		Paid Barnes-Pope Electric Co., first payment on electric contract .....	1,229.00
		Paid Kendall, Taylor & Co., architects' commission.....	214.80
April	22.	Paid Hutchinson Building Co., ninth payment on building contract .....	8,563.75
		Paid Wells & Newton Co., sixth payment on plumbing contract	701.25
		Paid Kendall, Taylor & Co., commission and clerk's salary	217.65
May	18.	Paid Hutchinson Building Co., tenth payment on building contract .....	7,452.80

May	18.	Paid Wells & Newton Co., seventh payment on plumbing contract.	\$501.50
		Paid Kendall, Taylor & Co., commission and clerk's salary ....	199.54
		Paid R. F. Robinson, for bedding	684.42
June	17.	Paid Hutchinson Building Co., eleventh payment on building contract .....	8,160.00
		Paid Barnes-Pope Electric Co., second payment on electric work contract .....	1,000.00
		Paid Braman, Dow & Co., second payment on heating contract..	6,500.00
		Paid Kendall, Taylor & Co., architects' commission and clerk's salary .....	462.94
		Paid J. C. J. Wainwright & Son for galvanized iron coverings in main stair hall .....	40.00
		Paid David E. Murphy, for sheeting .....	82.35
		Paid Peter Woll & Sons Mfg. Co., for hair for mattresses.....	744.90
July	5.	Paid Hutchinson Building Co., twelfth payment on building contract .....	3,451.00
		Paid Wells & Newton Co., eighth payment on plumbing contract.	497.25
		Paid Kendall, Taylor & Co., commission, salary and expense ...	215.91
		Paid C. E. Kimball & Son, for dumb waiter .....	495.00
		Paid David E. Murphy, for sheeting .....	321.52
		Paid Peter Woll & Sons Mfg. Co., hair for mattresses .....	750.61



Aug.	8.	Paid Kendall, Taylor & Co., commission, salary and expense...	\$194.78
		Paid Richard D. Kimball Co., for commission on economizer at boiler house .....	154.62
		Paid Hutchinson Building Co., thirteenth payment on building contract .....	7,577.51
	29.	Paid Hutchinson Building Co., fourteenth payment on building contract .....	1,162.50
	30.	Paid Wells & Newton Co., ninth payment on plumbing contract	280.50
		Paid Kendall, Taylor & Co., commission and expense .....	50.37
		Paid Morandi-Proctor Co., for ovens, copper kettles, etc. ...	994.00
		Paid Alonzo A. Knights & Son, for portable oven .....	200.00
	30.	Paid Kendall, Taylor & Co., architects' commission and expense .....	76.06
		Paid Wells & Newton Co., tenth payment on plumbing contract	484.50
Sept.		Paid Hutchinson Building Co., fifteenth payment on building contract .....	3,537.70
	15.	Paid Kendall, Taylor & Co., architects' commission and expense.	99.79
Nov.		Paid Hutchinson Building Co., sixteenth payment on building contract .....	3,795.54
		Paid Wells & Newton Co., eleventh payment on plumbing contract .....	807.50

Nov.	15.	Paid Braman, Dow & Co., second payment on economizer .....	\$1,568.98
		Paid Hutchinson Building Co., seventeenth payment on build- ing contract .....	1,500.00
			<hr/>
			\$150,830.35

C. P. BANCROFT,  
*Treasurer Building Committee.*

November 21, 1912.

STATEMENT OF APPROPRIATION ACCOUNT OF  
1911-1912 TO NOVEMBER 15, 1912.

Amount of building appropriation 1911-1912....	\$187,500.00	
Paid American Bank Note Company for engraving and preparing bonds .....	146.25	
		<hr/>
Total amount due from state treasurer.....	\$187,353.75	
Received from state treasurer .....	150,830.35	
		<hr/>
Balance due on appropriation.....	\$36,523.40	
Total expenditures to date .....	\$150,830.35	
Bills contracted not yet due:		
Electric light fixtures .....	\$1,500.00	
Balance due on economizer... ..	1,754.00	
Balance due on plumbing contract .....	1,700.20	
Balance due on building contract .....	19,452.60	
Furniture contract.....	4,839.15	
Balance due on electric wiring contract .....	1,970.00	
Balance due on heating contract .....	3,376.00	
		<hr/>
		34,591.95
		<hr/>
		\$185,422.30
Unexpended balance .....	1,931.45	
		<hr/>
		\$187,353.75

C. P. BANCROFT,  
*Treasurer Building Committee.*

November 21, 1912.

# REPORT OF THE FINANCIAL AGENT OF THE NEW HAMPSHIRE STATE HOSPITAL.

FROM SEPTEMBER 1, 1910, TO AUGUST 31, 1911.

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## RECEIPTS.

Balance on hand, August 31, 1910.....	\$4,746.48
Received from matured bonds, Iowa Loan & Trust Co. ....	\$4,800.00
Received from liquidation Na- tional Suffolk Bank, Boston...	.48
Received from legacy, John P. French .....	950.00
Received from interest and divi- dends .....	13,788.28
	<hr/>
	19,538.76
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	\$24,285.24

## EXPENDITURES.

Cash paid treasurer toward sup- port of indigent patients, etc .....	\$8,000.00
paid treasurer, for improve- ment of grounds.....	500.00
paid treasurer, for income of Conant fund .....	296.00
paid treasurer, for income of Adams fund .....	147.00
paid for sundry appropria- tions by vote of trustees.	1,861.58
paid for \$4,000 State of New Hampshire bonds...	4,023.33

Cash paid for 8 shares Northern (N. H.) R. R.....	\$1,128.50	
paid Union Guaranty Sav- ings Bank, investment French legacy .....	950.00	
paid premium, surety bond	62.50	
paid W. F. Thayer, financial agent .....	200.00	
	<hr/>	\$17,168.91
Balance on hand August 31, 1911.....		7,116.33
		<hr/>
		\$24,285.24

The following were the several permanent funds of the hospital on the first day of September, 1911, accompanied by a list of the securities in which they are invested.

## ADAMS FUND.

(Gift of Isaac Adams, of Sandwich.)

New York, New Haven & Hartford Railroad, Harlem River & Port Chester Div. bond..	\$400.00
Iowa Loan & Trust Co. bond.....	1,000.00
City of Concord (N. H.) bonds.....	600.00
Ten shares Pittsburg, Fort Wayne & Chicago Railroad .....	1,000.00
	<hr/>
	\$3,000.00

## BURROUGHS FUND.

(Legacy of Rev. Charles Burroughs, D. D.,  
of Portsmouth.)

Northern Pacific-Great Northern Railroad bond (Chicago, Burlington & Quincy Railroad, joint 4s) .....	\$1,000.00
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## CHANDLER FUND.

(Legacy of Abiel Chandler, of Walpole.)

Chicago & Northwestern Railroad bond (Milwaukee, Lake Shore & Western) .....	\$1,000.00
New York, New Haven & Hartford Railroad bonds .....	2,000.00
Old Colony Railroad bond .....	1,000.00
Boston & Lowell Railroad bond .....	5,000.00
Concord & Montreal Railroad bonds .....	2,000.00
Boston & Maine Railroad bonds .....	8,000.00
Sixty-two shares Concord & Montreal Railroad .....	6,200.00
Ten shares Michigan Central Railroad .....	1,000.00
Ten shares Pittsburg, Fort Wayne & Chicago Railroad .....	1,000.00
Three shares State National Bank, Boston, Mass. ....	300.00
Twenty-five shares Northern (N. H.) Railroad .....	2,500.00
	<hr/>
	\$30,000.00

## CONANT FUND.

(Legacy of John Conant, of Jaffrey.)

State of New Hampshire bonds .....	\$4,000.00
Concord & Montreal Railroad bonds .....	2,000.00
Two shares Boston & Providence Railroad ..	200.00
Three shares Concord & Montreal Railroad ..	300.00
	<hr/>
	\$6,500.00

## CREIGHTON FUND.

(Legacy of Mrs. S. E. W. Creighton, of Newmarket.)

Boston & Providence Railroad bonds .....	\$1,000.00
Boston & Maine Railroad bonds .....	2,000.00
	<hr/>
	\$3,000.00

## DANFORTH FUND.

(Legacy of Mary Danforth, of Boscawen.)

City of Concord (N. H.) bonds.....	\$400.00
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## FISK FUND.

(Legacy of Miss Catharine Fisk, of Keene.)

Fisk fund, held in trust by the state.....	26,378.43
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## FULLER FUND.

(Legacy of Mrs. Peggy Fuller, of Francestown.)

Twenty shares Concord & Montreal Railroad	\$2,000.00
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## KENT FUND.

(Legacy of Moody Kent, of Pittsfield.)

Boston & Maine Railroad bonds.....	\$12,000.00
City of Concord (N. H.) bonds.....	200.00
City of Minneapolis (Minn.) bonds.....	3,000.00
Oregon Short Line Railroad bonds.....	5,000.00
New York, New Haven & Hartford Railroad bonds .....	6,000.00
Chicago, Burlington & Quincy Railroad bonds .....	10,000.00
Chicago & Northwestern Railroad bonds....	9,000.00
Boston & Lowell Railroad bonds.....	15,000.00
Concord & Montreal Railroad bonds.....	8,000.00
City of Duluth (Minn.) bonds.....	7,000.00
Northern Pacific Railway bonds.....	5,000.00
St. Joseph & Grand Island Railroad bonds..	5,000.00
Old Colony Railroad bonds.....	12,000.00
Northern Pacific-Great Northern Railroad bonds (Chicago, Burlington & Quincy Rail- road, joint 4s) .....	13,000.00
Union Pacific Railroad bonds.....	1,000.00



Fifty shares Pittsburg, Ft. Wayne & Chicago Railroad .....	\$5,000.00
Seven shares Union National Bank, Lowell, Mass. ....	700.00
Forty-seven shares State National Bank, Boston, Mass. ....	4,700.00
One hundred shares Michigan Central Railroad .....	10,000.00
Seventy shares St. Joseph & Grand Island Railroad, first preferred .....	7,000.00
Twenty-five shares St. Joseph & Grand Island Railroad, second preferred .....	2,500.00
Forty-two shares Northern (N. H.) Railroad .....	4,200.00
Two shares Boston & Providence Railroad..	200.00
Fifty shares Fitchburg (Mass.) National Bank .....	5,000.00
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	\$150,500.00

## KIMBALL FUND.

(Legacy of Jacob Kimball, of Hampstead.)

Kimball fund held in trust by the state treasurer .....	\$6,753.49
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## LOW FUND.

(Legacy of Abiel A. Low, of Brooklyn, N. Y.)

City of Columbus (Ohio) bonds.....	\$3,000.00
City of Chicago (Ill.) bonds.....	2,000.00
	<hr/>
	\$5,000.00

## PENHALLOW FUND.

(Legacy of H. Louise Penhallow, of Portsmouth.)

Concord & Montreal Railroad bond.....	\$1,000.00
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## PIPER FUND.

(Legacy of Rhoda C. Piper, of Hanover.)

One share Union National Bank, Lowell, Mass. ....	\$100.00
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## PLUMMER FUND.

(Legacy of William Plummer, of Londonderry.)

New York, New Haven & Hartford Railroad, Harlem River & Port Chester Div. bond..	\$500.00
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## RICE FUND.

(Legacy of Arabella Rice, of Portsmouth.)

Oregon Short Line Railroad bonds.....	\$5,000.00
Old Colony Railroad bonds.....	3,000.00
Chicago & Northwestern Railroad bond.....	1,000.00
Old Colony Railroad registered bond.....	3,000.00
Concord & Montreal Railroad bond.....	1,000.00
Boston & Providence Railroad bond.....	1,000.00
City of Cleveland (Ohio) bonds.....	2,000.00
Union Pacific Railroad bonds.....	5,000.00
	<hr/>
	\$21,000.00

## RUMFORD FUND.

(Legacy of the Countess of Rumford, of Concord.)

Boston & Maine Railroad bonds.....	\$5,000.00
Concord & Montreal Railroad bonds.....	5,000.00
Thirty shares Pittsburg, Fort Wayne & Chi- cago Railroad .....	8,000.00
Twenty shares Boston & Providence Rail- road .....	2,000.00
	<hr/>
	\$15,000.00

## SHERMAN FUND.

(Legacy of Mrs. Fanny Sherman, of Exeter.)

Old Colony Railroad bond.....	\$1,000.00
City of Cleveland (Ohio) bonds.....	3,000.00
Northern Pacific-Great Northern Railroad bond (Chicago, Burlington & Quincy Rail- road, joint 4s) .....	1,000.00
	<hr/>
	\$5,000.00

## SMITH FUND.

(Legacy of Betsey Smith, of Hanover.)

New York, New Haven & Hartford Railroad, Harlem River & Port Chester Div. bond...	\$500.00
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## SPALDING FUND.

(Legacy of Isaac Spalding, of Nashua.)

Concord & Montreal Railroad bonds.....	\$6,000.00
Boston & Providence Railroad bonds.....	2,000.00
New York, New Haven & Hartford Railroad bond .....	1,000.00
Old Colony Railroad bond .....	1,000.00
	<hr/>
	\$10,000.00

## SPRING FUND.

(Received from sale of spring.)

New York, New Haven & Hartford Railroad, Harlem River & Port Chester Div. bond...	\$100.00
One share Northern (N. H.) Railroad.....	100.00
	<hr/>
	\$200.00

## WALKER FUND.

(Legacy of Abigail B. Walker, of Concord.)

New York, New Haven & Hartford Railroad, Harlem River & Port Chester Div. bonds..	\$1,500.00
Boston & Maine Railroad bonds.....	5,000.00
Salt Lake City (Utah) bond.....	1,000.00
Old Colony Railroad bonds.....	4,000.00
Twenty-five shares State National Bank, Bos- ton, Mass. ....	2,500.00
Ten shares Northern (N. H.) Railroad.....	1,000.00
	<hr/>
	\$15,000.00

## WILLIAMS FUND.

(Gift of John Williams, of Hanover.)

Two shares Union National Bank of Lowell, Mass. ....	\$200.00
Total amount permanent funds.....	\$303,031.92

## JOHN P. FRENCH LEGACY.

(Benefit Warren K. French.)

Union Guaranty Savings Bank.....	\$950.00
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I hereby certify that I have examined the foregoing statement of the receipts and expenditures of William F. Thayer, financial agent of the New Hampshire State Hospital, from September 1, 1910, to August 31, 1911, and find the same correctly cast, and sustained by proper vouchers, and the balance in his hands to be \$7,116.33.

I have compared the foregoing list of securities with the securities in his hands, and find same to agree in all particulars.

(Signed) WM. PARKER STRAW,

*Auditor.*

November 13, 1911.

# REPORT OF THE FINANCIAL AGENT OF THE STATE HOSPITAL.

FROM SEPTEMBER 1, 1911, TO AUGUST 31, 1912.

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## RECEIPTS.

Balance on hand, August 31, 1911.....	\$7,116.33
Received from matured bond, Salt Lake City .....	\$1,000.00
Received from interest and divi- dends .....	13,755.28
Withdrawn Union Trust Co., French legacy .....	139.56
Received from interest, French legacy .....	8.83
	<hr/>
	14,903.67
	<hr/>
	\$22,020.00

## EXPENDITURES.

Cash paid treasurer toward support of indigent patients, etc. ....	\$8,000.00
paid treasurer, for improvement of grounds .....	500.00
paid treasurer, for income of Conant fund .....	256.00
paid treasurer, for income of Adams fund .....	147.00
paid treasurer, for board of Warren K. French .....	139.56
paid for \$1,000 City of Concord 4% bond	1,040.89
paid for premium surety bond.....	62.50

Cash deposited Union Trust Co., interest	
French legacy .....	\$8.83
paid W. F. Thayer, financial agent.....	200.00
paid for appropriations by vote of	
trustees .....	1,057.59
	<hr/>
	\$11,412.37
Balance on hand August 31, 1912.....	10,607.63
	<hr/>
	\$22,020.00

The following were the several permanent funds of the hospital on the first day of September, 1912, accompanied by a list of the securities in which they are invested.

## ADAMS FUND.

(Gift of Isaac Adams, of Sandwich.)

New York, New Haven & Hartford Railroad,	
Harlem River & Port Chester Div. bond....	\$400.00
Iowa Loan & Trust Co. bond.....	1,000.00
City of Concord (N. H.) bonds.....	600.00
Ten shares Pittsburg, Fort Wayne & Chicago	
Railroad .....	1,000.00
	<hr/>
	\$3,000.00

## BURROUGHS FUND.

(Legacy of Rev. Charles Burroughs, D. D., of Portsmouth.)

Northern Pacific-Great Northern Railroad bond	
(Chicago, Burlington & Quincy Railroad,	
joint 4s) .....	\$1,000.00

## CHANDLER FUND.

(Legacy of Abiel Chandler, of Walpole.)

Chicago & Northwestern Railroad bond (Milwaukee, Lake Shore & Western) . . . . .	\$1,000.00
New York, New Haven & Hartford Railroad bonds . . . . .	2,000.00
Old Colony Railroad bond . . . . .	1,000.00
Boston & Lowell Railroad bond . . . . .	5,000.00
Concord & Montreal Railroad bonds . . . . .	2,000.00
Boston & Maine Railroad bonds . . . . .	8,000.00
Sixty-two shares Concord & Montreal Railroad	6,200.00
Ten shares Michigan Central Railroad . . . . .	1,000.00
Ten shares Pittsburg, Fort Wayne & Chicago Railroad . . . . .	1,000.00
Three shares State National Bank, Boston, Mass. . . . .	300.00
Twenty-five shares Northern (N. H.) Railroad	2,500.00
	<hr/>
	\$30,000.00

## CONANT FUND.

(Legacy of John Conant, of Jaffrey.)

State of New Hampshire bonds . . . . .	\$4,000.00
Concord & Montreal Railroad bonds . . . . .	2,000.00
Two shares Boston & Providence Railroad . . . . .	200.00
Three shares Concord & Montreal Railroad . . . . .	300.00
	<hr/>
	\$6,500.00

## CREIGHTON FUND.

(Legacy of Mrs. S. E. W. Creighton, of Newmarket.)

Boston & Providence Railroad bonds . . . . .	\$1,000.00
Boston & Maine Railroad bonds . . . . .	2,000.00
	<hr/>
	\$3,000.00



## DANFORTH FUND.

(Legacy of Mary Danforth, of Boscawen.)

City of Concord (N. H.) bonds.....	\$400.00
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## FISK FUND.

(Legacy of Miss Catharine Fisk, of Keene.)

Fisk fund held in trust by the state.....	\$26,378.43
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## FULLER FUND.

(Legacy of Mrs. Peggy Fuller, of Francestown.)

Twenty shares Concord & Montreal Railroad...	\$2,000.00
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## KENT FUND.

(Legacy of Moody Kent, of Pittsfield.)

Boston & Maine Railroad bonds.....	\$12,000.00
City of Concord (N. H.) bonds .....	200.00
City of Minneapolis (Minn.) bonds.....	3,000.00
Oregon Short Line Railroad bonds.....	5,000.00
New York, New Haven & Hartford Railroad bonds .....	6,000.00
Chicago, Burlington & Quincy Railroad bonds	10,000.00
Chicago & Northwestern Railroad bonds.....	9,000.00
Boston & Lowell Railroad bonds .....	15,000.00
Concord & Montreal Railroad bonds.....	8,000.00
City of Duluth (Minn.) bonds.....	7,000.00
Northern Pacific Railway bonds.....	5,000.00
St. Joseph & Grand Island Railroad bonds...	5,000.00
Old Colony Railroad bonds.....	12,000.00
Northern Pacific-Great Northern Railroad bonds (Chicago, Burlington & Quincy Rail- road, joint 4s) .....	13,000.00
Union Pacific Railroad bonds.....	1,000.00

Fifty shares Pittsburg, Ft. Wayne & Chicago Railroad .....	\$5,000.00
Seven shares Union National Bank, Lowell, Mass. ....	700.00
Forty-seven shares State National Bank, Boston, Mass. ....	4,700.00
One hundred shares Michigan Central Railroad	10,000.00
Seventy shares St. Joseph & Grand Island Railroad, first preferred .....	7,000.00
Twenty-five shares St. Joseph & Grand Island railroad, second preferred .....	2,500.00
Forty-two shares Northern (N. H.) Railroad.	4,200.00
Two shares Boston & Providence Railroad....	200.00
Fifty shares Fitchburg (Mass.) National Bank	5,000.00
	<hr/>
	\$150,500.00

## KIMBALL FUND.

(Legacy of Jacob Kimball, of Hampstead.)

Kimball fund held in trust by the state treasurer .....	\$6,753.49
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## LOW FUND.

(Legacy of Abiel A. Low, of Brooklyn, N. Y.)

City of Columbus (Ohio) bonds.....	\$3,000.00
City of Chicago (Ill.) bonds.....	2,000.00
	<hr/>
	\$5,000.00

## PENHALLOW FUND.

(Legacy of H. Louise Penhallow, of Portsmouth.)

Concord & Montreal Railroad bond.....	\$1,000.00
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## PIPER FUND.

(Legacy of Rhoda C. Piper, of Hanover.)

One share Union National Bank, Lowell, Mass.	\$100.00
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## PLUMMER FUND.

(Legacy of William Plummer, of Londonderry.)

New York, New Haven & Hartford Railroad, Harlem River & Port Chester Div. bond...	\$500.00
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## RICE FUND.

(Legacy of Arabella Rice, of Portsmouth.)

Oregon Short Line Railroad bonds.....	\$5,000.00
Old Colony Railroad bonds .....	3,000.00
Chicago & Northwestern Railroad bond.....	1,000.00
Old Colony Railroad registered bond.....	3,000.00
Concord & Montreal Railroad bond.....	1,000.00
Boston & Providence Railroad bond.....	1,000.00
City of Cleveland (Ohio) bonds.....	2,000.00
Union Pacific Railroad bonds.....	5,000.00
	<hr/>
	\$21,000.00

## RUMFORD FUND.

(Legacy of the Countess of Rumford, of Concord.)

Boston & Maine Railroad bonds.....	\$5,000.00
Concord & Montreal Railroad bonds.....	5,000.00
Thirty shares Pittsburg, Fort Wayne & Chi- cago Railroad .....	3,000.00
Twenty shares Boston & Providence Railroad.	2,000.00
	<hr/>
	\$15,000.00

## SHERMAN FUND.

(Legacy of Mrs. Fanny Sherman, of Exeter.)

Old Colony Railroad bond.....	\$1,000.00
City of Cleveland (Ohio) bonds.....	3,000.00
Northern Pacific-Great Northern Railroad bond (Chicago, Burlington & Quincy Rail- road, joint 4s) .....	1,000.00
	<hr/>
	\$5,000.00

## SMITH FUND.

(Legacy of Betsey Smith, of Hanover.)

New York, New Haven & Hartford Railroad, Harlem River & Port Chester Div. bond...	\$500.00
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## SPALDING FUND.

(Legacy of Isaac Spalding, of Nashua.)

Concord & Montreal Railroad bonds.....	\$6,000.00
Boston & Providence Railroad bonds.....	2,000.00
New York, New Haven & Hartford Railroad bond .....	1,000.00
Old Colony Railroad bond.....	1,000.00
	<hr/>
	\$10,000.00

## SPRING FUND.

(Received from sale of spring.)

New York, New Haven & Hartford Railroad, Harlem River & Port Chester Div. bond....	\$100.00
One share Northern (N. H.) Railroad.....	100.00
	<hr/>
	\$200.00

## WALKER FUND.

(Legacy of Abigail B. Walker, of Concord.)

New York, New Haven & Hartford Railroad, Harlem River & Port Chester Div. bonds...	\$1,500.00
Boston & Maine Railroad bonds.....	5,000.00
City of Concord (N. H.) bond.....	1,000.00
Old Colony Railroad bonds.....	4,000.00
Twenty-five shares State National Bank, Boston, Mass. ....	2,500.00
Ten shares Northern (N. H.) Railroad.....	1,000.00
	<hr/>
	\$15,000.00

## WILLIAMS FUND.

(Gift of John Williams, of Hanover.)

Two shares Union National Bank of Lowell, Mass. ....	\$200.00
Total amount permanent funds .....	\$303,031.92

## JOHN P. FRENCH LEGACY.

(Benefit Warren K. French.)

Union Guaranty Savings Bank, as per last report .....	\$950.00
Received interest .....	8.83
	<hr/>
	\$958.83
Paid treasurer for board of Warren K. French.	139.56
	<hr/>
Balance, in Union Trust Company (formerly Union Guaranty Savings Bank).....	\$819.27

Respectfully submitted,

W. F. THAYER,  
*Financial Agent.*

I hereby certify that I have examined the foregoing statement of the receipts and expenditures of William F. Thayer, financial agent of the New Hampshire State Hospital, from September 1, 1911, to August 31, 1912, and find the same correctly cast, and sustained by proper vouchers, and the balance in his hands to be \$10,607.63.

I have compared the foregoing list of securities with the securities in his hands, and find same to agree in all particulars.

FRANK A. MUSGROVE,  
*State Auditor.*

CONCORD, N. H., November 12, 1912.

WM. PARKER STRAW,  
*Auditor State Hospital.*

CONCORD, N. H., November 21, 1912.

## GENERAL EXHIBIT.

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### PRODUCTS OF THE FARM AND GARDEN, AT MARKET VALUE, FOR THE YEAR 1911.

710 bunches asparagus .....	\$0.18	\$127.80
6,130 pounds rhubarb.....	.02	122.50
9,860 heads lettuce .....	.04	394.40
2,500 dozen table cucumbers .....	.20	500.00
182 bushels pickle cucumbers.....	1.50	273.00
605 bushels white turnips .....	1.00	605.00
225 bushels Rutabaga turnips.....	1.00	225.00
37 tons squash .....	30.00	1,110.00
400 bushels summer squash.....	.25	100.00
115 bushels peas .....	1.00	115.00
187 bushels spinach .....	.40	74.80
165 bushels string beans.....	.90	148.50
240 bushels shell beans.....	1.50	360.00
115 bushels ripe tomatoes.....	1.25	143.75
190 bushels green tomatoes.....	1.00	190.00
2,900 dozen sweet corn .....	.15	435.00
875 heads early cabbage.....	.08	70.00
11,700 heads late cabbage.....	.08	936.00
600 heads red cabbage.....	.12	72.00
500 heads cauliflower.....	.15	75.00
75 bushels kale for greens.....	.40	30.00
412 bushels beets.....	.50	206.00
23 bushels beet greens.....	.30	6.90
1,600 heads early celery.....	.10	160.00
4,325 heads late celery.....	.20	865.00
276 bushels onions .....	1.10	1,131.60
410 bushels parsnips .....	1.00	410.00
37 bushels peppers .....	1.00	37.00



390 bushels carrots .....	\$0.15	\$58.50
135 boxes strawberries .....	.16	21.60
49 quarts Brussel sprouts.....	.10	4.90
16 cows, sold .....	..	275.00
30 pigs sold.....	..	75.50
2 boars sold .....	..	11.00
2 cow hides sold.....	..	17.50
19 calves sold .....	..	38.00
47,841 pounds of pork.....	.11	5,262.51
2,456 pounds of beef for use.....	.11	270.16
91 empty barrels.....	..	39.20
Pork sold to Manchester Ren- dering Co. ....	..	15.84
3,750 cakes ice .....	.15	562.50
151,695 quarts milk .....	.07	10,618.65
		<hr/>
		\$26,195.11

## PRODUCTS OF THE FARM AT SUNNYSIDE FOR THE YEAR 1911.

135 gallons maple syrup.....	\$1.00	\$135.00
750 quarts strawberries .....	.16	120.00
1,024 quarts raspberries.....	.18	184.32
52 barrels apples .....	2.00	104.00
82 bushels cider apples.....	.10	8.20
18 bushels beets .....	.50	9.00
16½ bushels carrots .....	.15	2.48
2 bushels parsnips .....	1.00	2.00
2,612 bushels potatoes.....	.85	2,220.20
10 bushels cucumbers .....	.29	2.00
12 bushels peas .....	1.00	12.00
8 bushels tomatoes .....	1.25	10.00
1½ tons squash .....	30.00	45.00
20 bushels beans .....	.90	18.00
15 bushels shell beans .....	1.50	22.50
100 heads lettuce .....	.04	4.00

1,000 dozen ears corn.....	\$0.15	\$150.00
1,000 pounds rhubarb .....	.02	20.00
50 bunches radishes.....	.20	10.00
5,000 heads cabbage .....	.08	400.00
32 tons hay .....	18.00	576.00
16 tons oat fodder .....	9.00	144.00
4 tons fodder corn .....	8.00	32.00
4,000 quarts milk .....	.07	280.00
400 cakes of ice.....	.15	60.00
5,790 1-3 dozen eggs.....	.32	1,852.91
		<hr/>
		\$6,423.61

PRODUCTS OF THE FARM AND GARDEN, AT MARKET VALUE,  
FOR THE YEAR 1912.

573 bunches asparagus .....	\$0.20	\$114.60
6,750 pounds rhubarb .....	.03	202.50
11,200 heads lettuce .....	.04	448.00
2,300 dozen cucumbers .....	.20	460.00
243 bushels pickle cucumbers.....	1.50	364.50
550 bushels Rutabaga turnips.....	1.25	681.50
723 bushels white globe turnips....	1.25	903.75
29 tons winter squash.....	30.00	870.00
103 bushels peas.....	1.00	103.00
325 bushels spinach .....	.40	130.00
149 bushels string beans.....	.90	134.10
238 bushels shell beans.....	1.50	357.00
155 bushels ripe tomatoes.....	2.00	310.00
180 bushels green tomatoes.....	1.25	225.00
3,400 dozen ears sweet corn.....	.15	510.00
1,235 heads early cabbage .....	.08	98.80
8,700 heads late cabbage .....	.08	696.00
1,100 heads Savoy cabbage.....	.10	110.00
200 heads red cabbage .....	.12	24.00
348 heads cauliflower .....	.15	52.20

87 quarts Brussels sprouts .....	\$0.10	\$8.70
175 bushels kale .....	.50	87.50
465 bushels beets .....	.50	232.50
1,250 heads early celery .....	.12	150.00
4,725 heads late celery .....	.20	945.00
670 bushels onions .....	.90	603.00
415 bushels parsnips .....	1.00	415.00
390 bushels summer squash .....	.25	97.50
8 bushels peppers .....	1.25	10.00
440 bushels carrots .....	.60	264.00
10 bushels parsley .....	.50	5.00
4,500 cakes ice .....	.15	675.00
250 tons ensilage .....	8.00	2,000.00
70 tons hay .....	20.00	1,400.00
5 tons bedding .....	8.00	40.00
Cows sold .....	..	280.00
Cow hides sold .....	..	12.21
Empty barrels sold .....	..	87.45
Calves sold .....	..	34.00
Pigs sold .....	..	20.00
1,327 pounds beef .....	.11	145.97
1,957 pounds pork .....	.11	215.27
139,464 quarts milk .....	.07	9,762.48
		<hr/>
		\$24,285.53

#### PRODUCTS OF THE FARM AT SUNNYSIDE FOR THE YEAR 1912.

200 gallons maple syrup .....	\$1.10	\$220.00
1,020 quarts strawberries .....	.15	153.00
3,712 quarts raspberries .....	.20	742.40
224 quarts currants .....	.10	22.40
143 barrels apples .....	1.25	178.75
220 bushels cider apples .....	.15	33.00
3,190 bushels potatoes .....	.60	1,914.00
16 bushels beets .....	.50	8.00

18 bushels carrots .....	\$0.60	\$10.80
30 bushels parsnips .....	1.00	30.00
100 dozen cucumbers .....	.20	20.00
12 bushels peas .....	1.00	12.00
16 bushels tomatoes .....	1.25	20.00
10 bushels string beans.....	.90	9.00
14 bushels string beans.....	1.50	21.00
100 heads lettuce .....	.04	4.00
1,000 dozen ears sweet corn.....	.15	150.00
1,000 pounds rhubarb .....	.03	30.00
50 bunches radishes .....	.05	2.50
7,000 heads cabbage .....	.08	560.00
46½ tons hay .....	20.00	930.00
15 tons oat fodder .....	10.00	150.00
2 tons corn fodder .....	8.00	16.00
100 tons ensilage .....	8.00	800.00
6,180 quarts milk .....	.07	432.60
400 cakes ice .....	.15	60.00
9,982 2-3 dozen eggs .....	.35	3,493.93
		<hr/>
		\$10,023.38

## ENGINEER'S LOG FOR 1911 AND 1912.

*Showing coal burned, kilowatt hours generated, and average atmospheric temperature from January, 1911, to December, 1912.*

2,240 lbs. ton.	Coal burned, Tons.		Average per day, Tons.		Mean Tempera- ture.		Heat on new building.	K. w. H. Light and power.	
	1911.	1912.	1911.	1912.	1911.	1912.	1912.	1911.	1912.
January...	648.34	691.82	20.91	22.31	23.8	14.1	No heat.	500	31,230
February .	594.70	638.25	21.23	22	20	21.1	Heat.	1,000	25,360
March.....	619.90	658.16	19.96	21.23	29.1	29.5	"	"	23,999
April.....	441.17	453.57	14.70	15.18	43.4	44.2	"	"	20,670
May.....	195.59	280.95	6.30	9.06	61.6	56	"	"	19,261
June.....	143.48	184.50	4.79	6.15	62.7	62.7	"	"	12,052
July.....	130.95	171.55	4.22	5.53	73.2	70.2	No heat.	"	11,252
August...	127.98	179.82	4.12	5.80	66.4	64	"	"	14,480
September	188.80	256.50	6.29	8.55	58	58.8	Heat.	"	18,995
October...	369.83	392.46	11.93	12.66	47.1	51	"	4,015	20,781
November	489.80	563.66	16.32	16.78	36.2	39.4	"	10,854	22,364
December.	519.47	.....	16.75	.....	33.1	.....	.....	30,858	.....

## PATHOLOGIST'S REPORT.

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The following is a report of the pathological and bacteriological work of the hospital since the installation of the new laboratory, February 1, 1912, to September 1, 1912, a period of seven months.

Considering the accomplishments since the present arrangements have been in force, the new laboratory is all that the present needs of the hospital require. The equipment was selected with a view to the future needs of such hospital department. At present the work is accomplished by arrangement with the State Bacteriological Laboratory, an arrangement that combines the resources of two laboratories to the advantage of both.

During the few months since its start the laboratory has been called upon for the following work:

Vaccines have been furnished for nine cases of infection.

The serum diagnosis of syphilis by means of the Wassermann and Noguch reactions has been carried out in six cases.

Vaccines have been furnished to vaccinate one hundred forty patients exposed to typhoid fever.

All patients entering the hospital have received an examination of their blood and urine.

Eleven autopsies have been performed and all tissues from same have received microscopical examination.

The impetus that a well equipped laboratory gives to the greater interest in diagnosis and treatment of disease in hospital work makes us feel that more and more the laboratory will prove its worth.

The tabulations give our findings.

## URINALYSES.

Number examined,	Result.	
175	Some form of kidney lesion.....	36
	Acetonurea .....	2
	Cystitis .....	12
	Diabetes .....	1
	Within normal limits.....	114
<hr/>		<hr/>
175		175

## BLOOD ANALYSES.

Number examined,	Result.	
160	Leucocytosis .....	5
	Within normal limits.....	155
<hr/>		<hr/>
160		160

## AUTOPSIES.

Number done,	Cause of death.	
11	Diffuse Nephritis .....	2
	Chronic Interstitial Nephritis.....	3
	Carcinoma .....	1
	Sub-phrenic Abscess .....	1
	Typhoid Fever .....	1
	Tuberculosis .....	1
	Pneumonia .....	1
	Brain softening .....	1
<hr/>		<hr/>
11		11

## PUS EXAMINATIONS.

Number examined,	Result.	
15	Staphylococci .....	9
	Gonococcus .....	3
	Mixed .....	4
<hr/>		<hr/>
15		15



## SPUTUMS.

Number examined,	Result.	
10	Tuberculosis .....	4
	Pneumococcus .....	1
	Negative .....	5
—		—
10		10

CHARLES DUNCAN, M. D.,  
*Pathologist.*



## APPENDIX.



## DIRECTIONS CONCERNING ADMISSION.

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Those wishing the admission of a person to the hospital should make application to the superintendent previously to bringing the patient, unless the urgency of the case precludes it.

On application, full information as to terms, conditions, etc., and the necessary papers, will be furnished.

With the application, a brief statement of the case should be given.

Some person should accompany the patients who can give a correct history of the case, if possible.

On no account should deception be practiced. The necessity of this step and the arrangements having first been settled, the patient should be honestly informed of what is to take place.

When possible, it is better that patients should arrive in day trains.

Patients should not bring valuable property when committed, and the hospital cannot become responsible for its keeping. Such articles should be left at home, unless the patient is fully responsible for their care.

The parties committing a private patient are required to give a bond for the payment of expenses in the annexed form, signed by two responsible persons. The certificates of physicians should be filled and signed in all cases, except those committed by courts, and be written in the annexed form.

## FORM OF BOND.

In consideration of the admission of \_\_\_\_\_, of the town of \_\_\_\_\_, in the county of \_\_\_\_\_, and state of \_\_\_\_\_, as a boarder at the New Hampshire State Hospital, in the city of Concord, we \_\_\_\_\_ of the town of \_\_\_\_\_, in the county of \_\_\_\_\_ and state of \_\_\_\_\_, and \_\_\_\_\_, of the town of \_\_\_\_\_, in the county of \_\_\_\_\_, and state of \_\_\_\_\_, jointly and severally promise and agree to and with said New Hampshire State Hospital, to pay its treasurer \_\_\_\_\_ dollars and \_\_\_\_\_ cents per week, or such other rate as may from time to time be established by said hospital therefor, while he shall remain at said hospital; together with such extra charge as may be occasioned by \_\_\_\_\_ requiring more than the ordinary care and attention; to pay any reasonable charge for actual damage done by \_\_\_\_\_ to buildings or furnishings; to assist in returning \_\_\_\_\_ to said hospital in case of escape; to remove \_\_\_\_\_ from said hospital when required to do so by the superintendent; to pay funeral charges in case of death; and not to hold said hospital responsible for any money, jewelry, watches or other valuables in \_\_\_\_\_ possession on admission or given to \_\_\_\_\_ afterwards,

Payments to be made quarterly, and interest on all sums not paid at the end of each quarter.

Witness our hands this \_\_\_\_\_ day of \_\_\_\_\_, 191 .

Attest:

*Principal.* [L. S.]

*Surety.* [L. S.]

NOTE.—Those committing patients are requested to notice the condition in regard to money, jewelry, etc.

## FORM OF PETITION.

To be filled and signed by those desiring aid from the state appropriation,  
to be sent to the superintendent.

*To His Excellency the Governor of the State of New Hampshire:*

Respectfully represents that \_\_\_\_\_, an insane person,  
resident of \_\_\_\_\_, in this state, is without sufficient  
property or relatives legally liable for \_\_\_\_\_ support at  
the New Hampshire State Hospital. Wherefore the un-  
dersigned prays that the said \_\_\_\_\_ be aided by any  
funds appropriated by the state for the indigent insane.

Dated at \_\_\_\_\_, 191 \_\_\_\_\_,

We, the undersigned, selectmen of \_\_\_\_\_, hereby cer-  
tify that the representations in the above petition are in  
our belief true, and that said \_\_\_\_\_ is an indigent  
insane person.

N. B.—Please write whether the insane person has any  
property, and if so, what amount, and any other facts  
you may think proper in relation to the ability of the  
insane person's near relatives.

NOTE.—The amount received by the applicant, it will be understood, is  
regulated entirely by the number who may apply for aid, and the compara-  
tive need of assistance.

## FORM OF CERTIFICATE OF INSANITY.

REQUIRED FOR ADMISSION OF PATIENTS.

(Medical Certificate of Insanity—1909.)

STATE OF NEW HAMPSHIRE,

County of.....,

City or town of.....,

SS.

We, .....a permanent resident  
of .....County of .....and  
State of New Hampshire, and.....a permanent



resident of.....County of.....  
 .....and State aforesaid, being severally and duly  
 sworn, do make oath and depose, each for himself, with  
 the exceptions hereinafter noted, as follows:

1. That I am a graduate of a legally chartered medi-  
 cal school or college; that I have been in actual practice  
 as a physician for three years since said graduation and  
 next preceding said oath; that I am registered in ac-  
 cordance with the law of this State; and that I do not  
 hold any office or appointment in or connected with the  
 institution for the insane to which this commitment is to  
 be made.

2. That on the .....day of .....  
 A. D. 19 .., I, the subscriber, personally examined with  
 care and diligence ....., a resident  
 of .....County of.....  
 and State of New Hampshire, and as a result of such ex-  
 amination find, and hereby certify, that in my opinion he  
 is insane and a proper subject for treatment and custody  
 in some hospital, asylum or other institution for the  
 insane, as an insane person, under the provisions of  
 law.

3. That I have formed the above opinion from,  
 a. Facts indicating insanity, personally observed by  
 me:

The patient said [*Here state what was said to each ex-  
 aminer separately, unless it was said to both.*]  
 .....  
 .....

The patient did [*Here state what the patient did in the  
 presence of each examiner separately, unless it was done in  
 the presence of both.*]  
 .....  
 .....

The patient's appearance and manner were.....  
 .....

b. Other facts indicating insanity, including those communicated to me by others:—[*State whether there has been any change in the patient's mental condition and bodily health, and if so, what.*].....  
 .....  
 .....

4. That the above statements are true, to the best of my knowledge, information and belief.

.....M. D.

.....M. D.

Subscribed and sworn to before me this.....day  
 of ....., 19.....

Justice of the Peace.....

Having personal acquaintance with the signers of the above certificate, I certify that the signatures are genuine, and the signers reputable physicians.\*

.....

Official Position.....

Place.....

Date.....19 ..

#### EXTRACT FROM THE LAWS OF NEW HAMPSHIRE.

SECTION 18. No person shall be committed to the asylum for the insane, except by the order of the court or the judge of probate, without the certificate of two reputable physicians that such person is insane, given after a personal examination made within one week of the committal. Such certificate shall be accompanied by a certificate from a judge of the supreme court, or court of probate, or mayor, or chairman of the selectmen, certifying to the genuineness of the signatures and the respectability of the signers. The physicians making such examination shall be legally registered to practice medicine in New Hampshire, and in the actual practice of their profession at the time of said examination and for at least three years prior thereto. They shall act jointly in making said examination and their certificate shall bear the date of said examination. Neither of said physicians shall be a relative of the person alleged to be insane, or an official of the institution to which it is proposed to commit such person. Any violation of the terms

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\*Must be certified to by a Judge of the Supreme Court, or Court of Probate, or Mayor, or one of the Selectmen.

of this act may be punished by a fine not exceeding one hundred dollars. The certificate of insanity shall be in the form prescribed by the commission and shall contain the facts and circumstances upon which the judgment of the physicians is based.—*Chapter 10, Public Statutes, as amended in 1909.*

SECTION 19. All laws relative to the commitment of insane persons to the New Hampshire State Hospital shall govern the commitment of insane persons to all other places in this state where insane persons are confined; but no insane persons, other than a pauper, shall be admitted to any county asylum.—*Chapter 10, Public Statutes.*

## COMMITMENT OF DEPENDENT INSANE PATIENTS.

Town or county officials committing a dependent insane patient must sign the following order for support of town or county patients which, with the medical certificate, must be sent with the patient at the time of commitment.

### ORDER FOR SUPPORT OF TOWN AND COUNTY PATIENTS.

We, ....., hereby order the committal of ..... to the New Hampshire State Hospital at Concord, there to be supported at the expense of ....., in accordance with the statute, during ..... residence at said hospital.

.....  
 .....  
 ..... 191 .  
 .....

NOTE.—To be signed by the mayor, selectmen, or overseer of poor, in case of town charge; by county commissioner in case of county charge.

Town and county officials after committing a dependent insane patient to the State Hospital, can make application for state aid on the following application blank, which will be furnished by the State Board of Lunacy:

## THE STATE OF NEW HAMPSHIRE.

APPLICATION FOR STATE AID FOR AN INDIGENT INSANE  
PERSON.

This blank must be filled as completely as possible and sworn to by the proper authority. See "Special Notice."

*To the Board of Commissioners of Lunacy:*

Under the provisions of the laws of the state of New Hampshire, application is hereby made for state aid, at the New Hampshire State Hospital, for the following named person:

Name ..... From what Town?.....  
 Age..... Sex..... Color..... Nativity.....  
 Civil state\*..... How long has said person been  
 insane?..... Where is said person at the present  
 time?..... Has said person ever been an inmate  
 of any asylum for the insane?..... If so, name of  
 institution..... When, and how long there?.....  
 Condition when discharged.....  
 By whom supported at present?.....  
 Has said person any property?..... If so, state what  
 and its approximate value.....  
 .....  
 .....  
 Does said person receive a pension?..... If so, how  
 much per month?..... Are there any sources  
 from which partial support at State Hospital might be  
 received?..... Has said  
 person a guardian?..... If so, give name and  
 address ..... Give  
 name and address of nearest relative.....  
 Has said person any relative legally chargeable therewith  
 that is able to support said patient wholly, or in part, at

---

\*Whether single, married or widowed.

the New Hampshire State Hospital?..... If so,  
give address and state how much per quarter towards sup-  
port will be paid.....

We have investigated the case fully and declare that  
the facts are as stated above.

(State official capacity.)

.....  
.....  
.....

.....SS.

Personally appeared the above named.....

.....  
this.....day of.....19 , and made oath that  
the foregoing statement by them subscribed is true.

Before me,

Town.....

Justice of the Peace.

### SPECIAL NOTICE.

All applications for state aid at the New Hampshire  
State Hospital must be signed and sworn to:

- (a) By at least two members of the Board of  
Selectmen, or
- (b) By at least two members of the Board of  
County Commissioners, or
- (c) By the Mayor of a city and the Overseer of  
the Poor.

All questions in this blank must be answered.

SECT. 12. The relations of any poor person in the line  
of father or grandfather, mother or grandmother, chil-  
dren or grandchildren, of sufficient ability, shall be liable  
to maintain him when standing in need of relief. If he  
has no such relations of sufficient ability, the town where-  
in he has a legal settlement shall be liable for his support.  
(Chapter 84, P. S.)

# LAWS.

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## RELATING TO THE NEW HAMPSHIRE STATE HOSPITAL.

### SECTION

1. Corporate name.
2. Trustees, how appointed.
3. Tenure of office of trustees.
4. Trustees to manage affairs of hospital.
5. To appoint officers, etc.
6. Trustees not to receive compensation.
7. To make regulations.
8. May hold property in trust.
9. Shall make report annually.
10. Board of visitors and their duties.
11. State Hospital land taken for highways only by authority of legislature.
12. Property of hospital exempt from taxation.
13. Annual appropriation to library.

### COMMITMENT TO STATE HOSPITAL.

14. Parent, guardian, etc., may commit.
15. Insane paupers, how committed by town.
16. County paupers, how committed.
17. Dangerous insane persons, how committed.
18. Certificate of two physicians required to commit.
19. Regulations for commitments to the hospital to govern commitments to other institutions.

### SUPPORT AT STATE HOSPITAL.

20. When county shall support insane person.

### SECTION

21. When means of support fail, counties to support on notice.
22. What inmates of hospital for insane supported by state.
23. County may recover expense paid.
24. Concord not liable.
25. Certain insane persons to be supported by state.
26. Annual appropriations for indigent insane.

### DISCHARGE FROM STATE HOSPITAL.

27. How discharged from hospital.
28. Trustees to visit hospital and hear statements of patients.
29. Superintendent to furnish stationery to patients, and transmit their letters to trustees.

### CORONER'S INQUEST IN CASE OF SUDDEN DEATH.

30. Inquest on patient suddenly deceased.

### COMMISSION OF LUNACY.

31. Insane persons wards of state.
32. Commission of lunacy.
33. Powers and duties of commission of lunacy.
34. Records and reports of commission of lunacy.
35. Superintendents to make reports to commission of lunacy.
36. Annual appropriation for expenses of commission.

SECTION 1. The hospital for the insane, at Concord, is a corporation under the name of the New Hampshire State Hospital.

SECT. 2. The government of the hospital is vested in



twelve trustees appointed and commissioned by the governor, with advice of the council; and all vacancies shall be filled in the same manner.

SECT. 3. The trustees are classified and commissioned in such manner that the offices of three trustees become vacant annually.

SECT. 4. The trustees shall take charge of the property and concerns of the hospital; shall see that its affairs are conducted properly; may enter into and bind the hospital by such contracts relative to the support of patients and the affairs of the hospital as they may deem advantageous; and may receive, appropriate, control, convey or invest any property given to or owned by the hospital in such manner as they may think expedient.

SECT. 5. The trustees shall appoint a secretary, who shall keep a full and fair record of their proceedings; a treasurer, who shall give bond for the faithful discharge of his duties; and such physicians, officers, and assistants, with such salaries and allowances, as may from time to time be found necessary.

SECT. 6. No trustee shall receive any compensation for his services as trustee; but expenses necessarily incurred by him shall be paid by the hospital.

SECT. 7. The trustees may make such regulations for their own government, for the management of the hospital and all persons connected therewith, and for the admission and care of patients, and the same from time to time alter, as convenience may require.

SECT. 8. The hospital may take and hold in trust any grant or devise of real estate, or any donation or bequest of personal property, and may apply the same, unless otherwise restricted, to lessen the expenses of the indigent insane.

SECT. 9. The trustees shall make to the governor and council, annually, a report, covering that of the superin-



tendent to them, of the receipts and expenditures of the hospital, the number of patients admitted and discharged during the year, and all other matters connected with the general interests of the hospital. It shall be filed in the office of the secretary of state on or before the first day of December.

SECT. 10. The governor and council, president of the senate and the speaker of the house, shall constitute a board of visitors of the hospital; shall visit and inspect the same when necessary, examine into the condition of the patients and the regulation and general management of the hospital; see that the design thereof is carried into full effect; and make to the legislature at each biennial session a report which shall be furnished to the secretary of state on or before the first day of December next preceding such session.

SECT. 11. No land connected with the hospital shall be taken for a highway or other public use, except by the express authority of the legislature, for that purpose first had and obtained.

SECT. 12. The property of the hospital is exempted from taxation.

SECT. 13. The sum of one hundred dollars is annually appropriated toward the support and increase of the library of the hospital.

#### COMMITMENT TO STATE HOSPITAL.

SECT. 14. The parent, guardian or friends of any insane person may cause him to be committed to the hospital, with the consent of the trustees, and there supported on such terms as they may agree upon.

SECT. 15. Any insane pauper supported by a town may be committed to the hospital by order of the overseers of the poor, and there supported at the expense of the town.

SECT. 16. If the overseers neglect to make such order in relation to any insane county pauper, the supreme court, or any judge thereof in vacation, may order such pauper to be committed to the hospital, and there supported at the expense of the county.

SECT. 17. If any insane person is in such condition as to render it dangerous that he should be at large, the judge of probate, upon petition by any person and such notice to the selectmen of the town in which such insane person is, or to his guardian or any other person, as he may order, may commit such insane person to the hospital; and such petition may be filed, notice issued and hearing had in vacation or otherwise.

SECT. 18. No person shall be committed to the State Hospital, except by an order of the court or the judge of probate, without the certificate of two reputable physicians that such person is insane, given after a personal examination made within one week of the committal. Such certificate shall be accompanied by a certificate of a judge of the supreme court or court of probate, mayor, or one of the selectmen, certifying to the genuineness of the signatures and the respectability of the signers.

SECT. 19. All laws relative to the commitment of insane persons to the New Hampshire State Hospital shall govern the commitment of insane persons to all other places in this state where insane persons are confined; but no insane person, other than a pauper, shall be admitted to any county asylum.

#### SUPPORT AT STATE HOSPITAL.

SECT. 20. Any insane person committed to the hospital by his parent, guardian or friends, who has no means of support and no relatives of sufficient ability chargeable therewith, and no settlement in any town in this state, and who is in such condition that his discharge

therefrom would be improper or unsafe, shall be supported by the county from which he was committed.

SECT. 21. When the means of support of any inmate of the hospital shall fail or be withdrawn, the superintendent shall immediately cause notice in writing of the fact to be given to one of the county commissioners of the county from which such inmate was committed; and such county shall pay to the hospital the expense of the support of such inmate from and after the service of such notice, and for ninety days next prior thereto.

SECT. 22. Any insane person charged with an offense, the punishment whereof is death or confinement in the state prison, committed to the hospital by order of the supreme court, shall be supported at the expense of the state during his confinement there. Any other insane person committed to the hospital by the supreme court or a judge thereof, and any insane person committed by a judge of probate, shall be supported by the county from which he was committed.

SECT. 23. The county or town paying the expense of the support of an inmate of the hospital shall be entitled to recover the amount so paid of the inmate himself, if of sufficient ability to pay; otherwise of the town, county or person by law liable for his support.

SECT. 24. The city of Concord shall not be liable for the support of any insane person committed to the hospital unless he was committed from said city.

SECT. 25. Any insane person who has been an inmate of the State Hospital for twenty years, and been supported in whole or in part during that time by others than the town or county chargeable therewith, and who has no means of support and no relations chargeable therewith, and who cannot properly be discharged from the hospital, shall be supported there at the expense of the state.

SECT. 26. The sum of six thousand dollars (\$6,000) is annually appropriated for the support at the State Hospital of such indigent insane persons belonging to the state as the governor, from time to time, may designate; but two thirds at least of the sum shall be applied to the support of private patients who are not maintained at public charge.

#### DISCHARGE FROM STATE HOSPITAL.

SECT. 27. Any person committed to the State Hospital may be discharged by any three of the trustees, by the commission of lunacy or by a justice of the supreme court, whenever a further retention at the hospital is, in their opinion, unnecessary; but any person so discharged who was under sentence of imprisonment at the time of his commitment, the period of which shall not have expired, shall be remanded to prison.

SECT. 28. Some of the trustees, without previous notice, shall visit the hospital at least twice every month, and give suitable opportunity to every inmate therein to make to him, in private, any statements such patient may wish to make; and, whenever he deems it proper, he shall call to his aid two other trustees, who shall, with him, make a further examination of such inmate and of the statements by him made. If, in their judgment, a further detention is unnecessary, it shall be their duty to discharge such inmate. They may order such immediate change in the treatment of any inmate as they may deem judicious; and, in case of failure to secure it, they shall at once summon a meeting of the whole board, whose duty it shall be to take such measures as the exigency of the case demands.

SECT. 29. The superintendent shall furnish stationery to any inmate who desires it; and shall transmit promptly and without inspection, to the trustee whom the board

may designate, all letters addressed to the board by the inmates of the hospital.

#### CORONER'S INQUEST IN CASE OF SUDDEN DEATH.

SECT. 30. In event of the sudden death of any inmate, a coroner's inquest shall be held, as provided for by law in other cases.

#### COMMISSION OF LUNACY.

SECT. 31. All persons deprived of their liberty in this state by being committed to custody as insane persons, shall be wards of the state and subject to state supervision.

SECT. 32. The State Board of Health shall constitute a commission of lunacy.

SECT. 33. The commission, by one or more of their members, shall, without previous notice, visit and make thorough inspections of all asylums and other institutions for insane persons in the state, as often as once in four months. They shall examine into the care and treatment of the insane, the sanitary condition of each asylum or institution, and all other matters relating to the general welfare of the inmates. They may order the removal of any indigent insane person to the New Hampshire State Hospital for remedial treatment, and such person while under treatment shall be supported at the expense of the state. When the need of such treatment shall cease, the commission shall so notify the county, town or relative liable for the support of such inmate, and if he is longer continued at the hospital it shall be at the expense of such county, town or relative.

SECT. 34. The commission shall keep a correct record of the number of commitments, discharges and deaths at each asylum, institution or other place of detention, and



of the age, sex and nationality of each person committed, discharged or deceased, and shall report the same annually to the governor and council, with any other matters or recommendations which in their judgment are important.

SECT. 35. The superintendent of every asylum or other place in this state where insane persons are confined, shall within three days after the commitment thereto of any person, notify the commission thereof, upon blanks furnished for that purpose; and the said superintendent shall at all times furnish to the board such information regarding the insane in his charge as they may request.

SECT. 36. To meet the expenses imposed upon the commission by the foregoing sections, the sum of twelve hundred dollars (\$1,200), or so much thereof as may be required, is annually appropriated; and the expenditures shall be audited by the governor and council.

—*Public Statutes of N. H., Chapter 10.*

SECT. 4. The following persons are also exempted from military duty:

. . . . .  
the attendants upon the insane, employed in the State Hospital;

. . . . .  
the officers and keepers of the State Hospital.

—*Public Statutes, Chapter 96.*

SECTION 1. Whenever the grand jury shall omit to find an indictment against a person, for the reason of insanity or mental derangement, or a person prosecuted for an offense shall be acquitted by the petit jury for the same reason, such jury shall certify the same to the court.

SECT. 2. Any person prosecuted for an offense may plead that he is not guilty by reason of insanity or mental derangement and such plea may be accepted by the

state's counsel, or may be found true by the verdict of the jury.

SECT. 3. In either of the cases aforesaid, the court, if they are of the opinion that it will be dangerous that such person should go at large, may commit him to the prison or to the State Hospital, there to remain until he is discharged by due course of law.

SECT. 4. The governor and council or the supreme court may discharge any such person from prison, or may transfer any prisoner who is insane to the State Hospital, to be there kept at the expense of the state, whenever they are satisfied that such discharge or transfer shall be conducive to the health and comfort of the person and the welfare of the public.

SECT. 5. If any insane person is confined in jail, or a house of correction, the supreme court may order him to be committed to the hospital if they think it expedient.

—*Public Statutes, Chapter 255.*

AN ACT in addition to chapter 10 of the Public Statutes, relating to insane persons.

SECTION 1. When application is made to the judge of probate, or the supreme court or any justice thereof, for the committal of any person to the State Hospital, said court or judge may appoint two reputable physicians to examine said person, with or without notice to him or her from said court or judge; said physicians shall immediately report the result to said court or judge, who may, upon such report, and such evidence as can be produced, order said person to be committed to said hospital when there is a sufficient reason for making such order.

SECT. 2. Said supreme court, or any justice thereof, shall at any time, with or without notice, upon application and due cause shown, investigate the question whether there is sufficient reason for the detention in



said hospital of any person who has been committed thereto, and shall order his or her discharge where said order ought to be made, with or without a writ.

[Approved February 26, 1845.]

JOINT RESOLUTION with reference to the title of the property of the New Hampshire State Hospital.

*Resolved by the Senate and House of Representatives in General Court convened:*

WHEREAS, The entire property of the New Hampshire State Hospital is owned by the state of New Hampshire, either absolutely or in trust, but the legal title of the land, buildings and other property stands in the name of the trustees of the asylum appointed by the state, and

WHEREAS, It is desirable that the legal title should conform to the actual title, therefore,

*Be it enacted by the Senate and House of Representatives in General Court convened:*

That the attorney-general be directed to examine the deeds and other conveyances of title to said property, and advise the trustees what conveyances, if any, should be made to perfect the legal title of the state to said property, and the trustees be directed to execute such conveyances as may be advised by the attorney-general, and deliver the same to the governor and council in behalf of the state, within sixty days from the passage of this resolution.

[Approved March 24, 1897.]

AN ACT in relation to the New Hampshire State Hospital.

*Be it enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. No change shall be made by the trustees

of the New Hampshire State Hospital of its trust funds, except upon approval by the governor and council. In making any investments of its trust funds, the trustees shall submit their recommendations to the governor and council before such investments are made. The governor and council may also direct in whose custody the bonds, notes, and other securities of the institution shall be kept.

SECT. 2. The auditing of the accounts of the trustees, or any agent appointed by them, shall be performed by the bank commissioners, under the direction of the governor and council, who shall have authority at any time to direct said commissioners to make an examination of the financial affairs of the institution.

SECT. 3. Before expending any money received from any source in the construction of new buildings, the trustees shall submit plans and estimates of all such buildings to the governor and council for their approval.

SECT. 4. This act shall take effect upon its passage.

[Approved March 25, 1897.]

AN ACT in amendment of section 33 of chapter 10 of the Public Statutes, relating to the commission of lunacy.

*Be it enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. Section 33 of chapter 10 of the Public Statutes is hereby amended by inserting after the word "state" in the eleventh line the words "such expense not to exceed in any one year the sum of sixteen thousand dollars (\$16,000) for all such persons," so that said section, as amended, shall read: "SECT. 33. The commission, by one or more of their members, shall, without previous notice, visit and make thorough inspections of all asylums and other institutions for insane persons in the state, as often as once in four months. They shall

examine into the care and treatment of the insane, the sanitary condition of each asylum or institution, and all other matters relating to the general welfare of the inmates. They may order the removal of any indigent insane person to the New Hampshire State Hospital for remedial treatment, and such person, while under such treatment, shall be supported at the expense of the state, such expense not to exceed in any one year the sum of sixteen thousand dollars (\$16,000) for all such persons. When the need of treatment shall cease, the commission shall so notify the county, town, or relative liable for the support of such inmate, and if he is longer continued at the hospital, it shall be at the expense of such county, town or relative."

SECT. 2. This act shall take effect and be in force from and after June 1, 1897.

[Approved March 26, 1897.]

#### AN ACT relating to insane criminals.

*Be it enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. When a person is indicted for any offense or is committed to jail on any criminal charge to await the action of the grand jury, any justice of the court before which he is to be tried, if a plea of insanity is made in court, or said justice is notified that such plea will be made, may, in term time or vacation, order such person into the care and custody of the superintendent of the New Hampshire State Hospital, to be detained and observed by him until further order of the court, that the truth or falsity of the plea may be ascertained.

SECT. 2. The person so committed shall be there supported at his own expense, if he has sufficient means; otherwise at the expense of the state.

SECT. 3. All acts and parts of acts inconsistent with

this act are hereby repealed, and this act shall take effect upon its passage.

[Approved February 20, 1901.]

AN ACT to change the name of the New Hampshire  
Asylum for the Insane.

*Be it enacted by the Senate and House of Representatives  
in General Court convened:*

SECTION 1. Section 1 of chapter 10 of the Public Statutes is hereby amended by striking out the words "Asylum for the Insane," and inserting in place thereof the words "State Hospital," so that, when amended, the section will read: "The Asylum for the Insane at Concord is a corporation under the name of the New Hampshire State Hospital."

SECT. 2. Whenever the words "New Hampshire Asylum for the Insane" occur in the subsequent sections of chapter 10, and in laws passed in amendment thereof, the words "New Hampshire State Hospital" shall be substituted.

[Approved February 27, 1901.]

AN ACT entitled An Act to provide for the care and support of the dependent insane by the State.

*Be it enacted by the Senate and House of Representatives  
in General Court convened:*

SECTION 1. The state, from and after the first day of January, 1909, shall have the care, control, and treatment of all insane persons who are now cared for at the county almshouses; and no county shall hereafter establish any asylum or other additional structure for care of the insane, nor after said date maintain any institution for the insane, or be liable for the board, treatment, care, or act of any insane person.

SECT. 2. From and after the passage of this act the state board of lunacy may order the removal of all such dependent insane persons to the state hospital, for remedial treatment, as in their judgment seems proper, and such persons shall be supported at the expense of the state from money in the treasury not otherwise appropriated.

SECT. 3. After January 1, 1905, as rapidly as accommodations can be provided, the state board of lunacy shall begin making transfers from the various county almshouses to the State Hospital of such insane persons as in their judgment seem most suitable, and all such patients, after their removal to the State Hospital, shall be maintained therein at the expense of the state. Such transfers shall be made by the state board of lunacy pro rata to the population of the several counties.

SECT. 4. This act shall take effect upon its passage. All acts and parts of acts inconsistent with the provisions of this act are hereby repealed.

[Approved March 7, 1903.]

AN ACT in amendment of section 27 of chapter 10 of the Public Statutes relating to discharges from the New Hampshire State Hospital.

*Be it enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. Section 27 of chapter 10 of the Public Statutes is hereby amended by adding thereto at the end thereof the following sentence: The superior court or any justice thereof may, with or without notice, in term or vacation, on due cause shown, parole any person committed to the New Hampshire State Hospital upon such terms and conditions as justice may require; and said court or justice may at any time thereafter, on due cause



shown, revoke said parole and order said person returned to said State Hospital under the original commitment.

SECT. 2. This act shall take effect upon its passage.

[Approved March 10, 1905.]

AN ACT to provide additional accommodations at the New  
Hampshire State Hospital.

*Be it enacted by the Senate and House of Representatives  
in General Court convened:*

SECTION 1. That, to provide additional accommodations for the care, control, and treatment of insane persons, as contemplated by chapter 61 of the Laws of 1903, the sum of two hundred thousand dollars be, and hereby is raised and appropriated for the purpose of the erection of a hospital building, and securing therefor the necessary furnishing, heating, lighting, plumbing, water facilities, and fire protection, at an expense not exceeding one hundred and fifty thousand dollars, the construction of six iron fireproof stairways, at an expense not exceeding twenty-five thousand dollars, the erection of a storehouse, including cold storage facilities, at an expense not exceeding fifteen thousand dollars, the erection of an employees' building, including lighting, furnishing, and plumbing, at an expense not exceeding ten thousand dollars, in accordance with plans and specifications to be approved by the governor and council; said sums to be expended under the direction of the trustees of said institution. And any balance of said sum of two hundred thousand dollars, or the proceeds of the bonds hereinafter provided for, not required for the several purposes above enumerated, may be used for any other necessary enlargement, or changes, of existing buildings of the State Hospital, which may be approved by the governor and council, and to be in accordance with plans and specifications to be also approved by the governor and council.

SECT. 2. The state treasurer is hereby authorized,

under the direction of the governor and council, to borrow said sum of two hundred thousand dollars, on the credit of the state; and to issue bonds, or certificates of indebtedness therefor, in the name and on behalf of the state, ten thousand dollars thereof to be paid annually, beginning on July 1, 1906, at a rate of interest not exceeding three and one half per cent. per annum, payable semi-annually, on the first days of January and July of each year; such bonds to have interest warrants or coupons attached thereto; said coupons to be signed by the state treasurer, and said bonds and coupons to be made payable at such place as the governor and council shall designate.

SECT. 3. Said bonds shall be designated New Hampshire State Hospital Bonds, and shall be signed by the treasurer, and countersigned by the governor, and shall be deemed a pledge of the faith and credit of the state. The secretary of state shall keep a record of all bonds countersigned by the governor, showing the number and amount of each bond, the time of countersigning, the time when payable, and the date of the delivery to the state treasurer. The treasurer shall keep a record of all bonds disposed of by him, showing the number thereof, the name of the person to whom sold, the amount received for the same, the date of the sale, and the time when payable. The treasurer may negotiate and sell such bonds to the best advantage for the state, but no bond shall be sold for less than its par value, nor shall such bonds be loaned, pledged or hypothecated in any way whatever.

SECT. 4. The governor shall draw his orders on the state treasurer, for the amounts that may be, or become, due from time to time, under the contracts of the trustees, approved by the governor and council, for the purposes aforesaid, after said bills shall have been duly approved by the governor and council, to an amount not exceeding the proceeds of said bonds.

SECT. 5. This act shall take effect upon its passage.

[Approved March 10, 1905.]



AN ACT to provide for purchasing supplies for state institutions by competitive bids in the open market.

*Be it enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. In the purchase of supplies for all state institutions competitive bids in the open market shall be required after April 1, 1905, in accordance with such rules and regulations as the governor and council shall prescribe. No bills for supplies furnished to state institutions shall be approved by the governor and council, or paid by the state treasurer or by an agent of the state authorized to extend its funds for these institutions unless the bills were contracted in accordance with the provisions of this act.

SECT. 2. The governor and council may, in cases where unforeseen emergency requires immediate purchase, authorize purchases under the rules and regulations prescribed in section 1.

SECT. 3. Any person violating the provisions of this act shall be subject to a fine of not less than one hundred dollars nor more than two hundred dollars.

[Approved March 10, 1905.]

#### STATE INSTITUTIONS.

AN ACT to provide additional accommodations at the New Hampshire State Hospital.

*Be it enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. That, to provide additional accommodations for the care, control, and treatment of insane persons, as contemplated by chapter 61 of the Laws of 1903, the sum of one hundred and fifty thousand dollars be, and hereby is, raised and appropriated for the purpose

of enlarging the present Kent building for women patients of the disturbed class, the enlargement of the present Peaslee building for men patients of a similar class, to provide a special ward, or wards, for such of the criminal and convict insane as may be committed to said hospital by order of the court or transferred thereto from the state prison by order of the governor and council, the extension and enlargement of the present laundry and depot, including the necessary furnishing, heating, lighting, plumbing, water facilities, and fire protection for said additions and enlargements, in accordance with plans and specifications to be approved by the governor and council; said sum to be expended under the direction of the trustees of said institution. And any balance of said sum of one hundred and fifty thousand dollars or the proceeds of the bonds hereinafter provided for, not required for the several purposes above enumerated may be used for any other necessary enlargement, equipment or changes of existing buildings of the State Hospital which may be approved by the governor and council, and to be in accordance with plans and specifications to be also approved by the governor and council.

SECT. 2. The state treasurer is hereby authorized, under the direction of the governor and council, to borrow said sum of one hundred and fifty thousand dollars on the credit of the state; and to issue bonds, or certificates of indebtedness therefor, in the name and on behalf of the state, payable on July 1, 1927, at a rate of interest not exceeding three and one half per cent. per annum, payable semiannually, on the first days of January and July of each year; such bonds to have interest warrants, or coupons, attached thereto; said coupons to be signed by the state treasurer, and said bonds and coupons to be made payable at such places as the governor and council shall designate.

SECT. 3. Said bonds shall be designated New Hampshire State Hospital Bonds, and shall be signed by the treasurer, and countersigned by the governor, and shall be deemed a pledge of faith and credit of the state. The secretary of state shall keep a record of all bonds countersigned by the governor, showing the number and amount of each bond, the time of countersigning, the time when payable, and the date of the delivery to the state treasurer. The treasurer shall keep a record of all bonds disposed of by him, showing the number thereof, the name of the person to whom sold, the amount received for the same, the date of the sale, and the time when payable. The treasurer may negotiate and sell such bonds to the best advantage for the state, but no bond shall be sold for less than its par value, nor shall such bonds be loaned, pledged, or hypothecated in any way whatever.

SECT. 4. Said bonds when owned by residents or savings banks of this state shall be exempt from taxation.

SECT. 5. The governor shall draw his orders on the state treasurer for the amounts that may be, or become, due from time to time, under the contracts of the trustees, approved by the governor and council, for the purposes aforesaid, after said bills shall have been duly approved by the governor and council, to an amount not exceeding the proceeds of said bonds.

SECT. 6. To provide funds for the purposes enumerated in section 1 of this act, pending the sale of said bonds, as above provided, the governor and council may, and hereby are authorized to borrow money on the credit of the state, to an amount not exceeding seventy-five thousand dollars (\$75,000), and to use an amount of the avails of said bonds, when sold, sufficient to pay the principal and interest of the money so borrowed.

SECT. 7. This act shall take effect upon its passage.

[Approved March 13, 1907.]

## AN ACT to provide for the indigent insane.

*Be it enacted by the Senate and House of Representatives  
in General Court convened:*

SECTION 1. The state board of commissioners of lunacy is hereby empowered to transfer any indigent insane person to the New Hampshire State Hospital, there to be supported by the state, provided satisfactory affidavits are executed by the selectmen, or county commissioners, or both, as the said board may require, to the effect that neither the patient nor any relative chargeable therewith is able to bear the expense incident to his maintenance at the said hospital.

SECT. 2. Indigent insane persons at the New Hampshire State Hospital, for remedial treatment or otherwise, may be maintained by the state at the said hospital upon orders issued to that effect by the state board of commissioners of lunacy, having first in each case obtained satisfactory evidence as provided for in section 1 of this act.

SECT. 3. In a case where the patient or relatives chargeable with his support are able to pay only a part of the expense of maintaining the said patient at the New Hampshire State Hospital, the state board of commissioners of lunacy, upon satisfactory evidence of the facts, may direct that such part of the expense of maintenance at the said hospital as cannot be met by the patient or relatives chargeable therewith be paid by the state.

SECT. 4. All acts and parts of acts inconsistent with this act are hereby repealed, and this act shall take effect upon its passage.

[Approved April 3, 1907.]

AN ACT to secure uniformity in official reports.

*Be it enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. Every report now required by law to be issued annually by any state official or state board shall close on August 31, 1907; and thereafter such reports shall cover annual periods from September 1 to August 31, inclusive. Every report now required by law to be issued biennially by any state official or state board, shall close on August 31, 1908; and thereafter such reports shall cover biennial periods from September 1 to August 31, inclusive. All state reports shall contain a comprehensive and detailed financial statement.

SECT. 2. All acts and parts of acts inconsistent with this act are hereby repealed and this act shall take effect upon its passage.

[Approved April 2, 1907.]

AN ACT in addition to and in amendment of chapter 10 of the Public Statutes relating to the commitment and support of insane persons.

*Be it enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. Amend section 18 of chapter 10 of Public Statutes of the State of New Hampshire, by adding to the end thereof the following: "The physicians making such examination shall be legally registered to practice medicine in New Hampshire, and in the actual practice of their profession at the time of said examination and for at least three years prior thereto. They shall act jointly in making said examination and their certificate shall bear the date of said examination. Neither of said physicians shall be a relative of the person alleged to be insane, or an official of the institution to which it is proposed to



commit such person. Any violation of the terms of this act may be punished by a fine not exceeding one hundred dollars. The certificate of insanity shall be in the form prescribed by the commission and shall contain the facts and circumstances upon which the judgment of the physicians is based.

SECT. 2. All acts and parts of acts inconsistent with this act are hereby repealed, and this act shall take effect upon its passage.

[Approved April 8, 1909.]

AN ACT to provide additional facilities at the New Hampshire State Hospital.

*Be it enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. That the sum of eighty-five thousand dollars be, and hereby is, raised and appropriated for the purpose of erecting a new heat, light, and power plant, equipping the same and connecting it with the various buildings, for the extension of the water main to the barns, and for repairs on the old Peaslee building, in accordance with plans and specifications to be approved by the governor and council; said sum to be expended under the direction of the trustees of said institution. And any balance of said sum of eighty-five thousand dollars, or the proceeds of the bonds hereinafter provided for, not required for the several purposes above enumerated may be used for any other necessary enlargement, equipment or changes of existing buildings of the state hospital which may be approved by the governor and council, and to be in accordance with plans and specifications to be also approved by the governor and council.

SECT. 2. The state treasurer is hereby authorized, under the direction of the governor and council, to borrow said sum of eighty-five thousand dollars on the credit of

the state, and to issue bonds, or certificates of indebtedness therefor, in the name and on behalf of the state, payable on July 1, 1929, at a rate of interest not exceeding three and one-half per cent. per annum, payable semi-annually, on the first days of January and July of each year; such bonds to have interest warrants, or coupons, attached thereto; said coupons to be signed by the state treasurer, and said bonds and coupons to be made payable at such places as the governor and council shall designate.

SECT. 3. Said bonds shall be designated New Hampshire State Hospital Bonds, and shall be signed by the treasurer, and countersigned by the governor, and shall be deemed a pledge of the faith and credit of the state. The secretary of state shall keep a record of all bonds countersigned by the governor, showing the number and amount of each bond, the time of countersigning, the time when payable, and the date of the delivery to the state treasurer. The treasurer shall keep a record of all bonds disposed of by him, showing the number thereof, the name of the person to whom sold, the amount received for the same, the date of the sale, and the time when payable. The treasurer may negotiate and sell such bonds to the best advantage for the state, but no bond shall be sold for less than its par value nor shall such bonds be loaned, pledged, or hypothecated in any way whatever.

SECT. 4. Said bonds when owned by residents or savings banks of this state shall be exempt from taxation.

SECT. 5. The governor shall draw his orders on the state treasurer for the amounts that may be, or become, due from time to time, under the contracts of the trustees, approved by the governor and council, for the purposes aforesaid, after said bills shall have been duly approved by the governor and council, to an amount not exceeding the proceeds of said bonds.



SECT. 6. To provide funds for the purposes enumerated in section 1 of this act, pending the sale of said bonds, as above provided, the governor and council may, and hereby are authorized to, borrow money on the credit of the state, to an amount not exceeding fifty thousand dollars (\$50,000), and to use an amount of the avails of said bonds, when sold, sufficient to pay the principal and interest of the money so borrowed.

SECT. 7. This act shall take effect upon its passage.  
[Approved April 9, 1909.]

AN ACT authorizing the trustees of the New Hampshire State Hospital to purchase a burial lot, and to provide for the burial therein of deceased dependent insane inmates of the Hospital.

*Be it enacted by the Senate and House of Representatives in General Court convened:*

SECTION 1. The trustees of the New Hampshire State Hospital are hereby authorized and empowered to purchase, on behalf of the state, a suitable lot, costing not exceeding three hundred dollars, for the burial of deceased dependent insane inmates of the hospital, and the governor, with the advice and consent of the council, is hereby authorized to draw a warrant upon the state treasurer for the payment of such cost, from any money in the treasury not otherwise appropriated.

SECT. 2. The said trustees are further hereby authorized and empowered to cause to be buried, at the expense of the state, in the lot purchased under the authority conferred by section 1, any inmate of the hospital who dies, and who, while living, was supported at the expense of the state, and who has no kindred or friends who will give the deceased a decent burial elsewhere at their own expense.

SECT. 3. This act shall take effect upon its passage.  
[Approved March 30, 1909.]

## ADDITIONAL LEGISLATION.

AN ACT to provide additional accommodations at the  
New Hampshire State Hospital.

*Be it enacted by the Senate and House of Representatives  
in General Court convened:*

SECTION 1. That, to provide additional accommodations for the care, control and treatment of insane persons, as contemplated by chapter 61 of the Laws of 1903, and amendments thereto, the sum of one hundred eighty-seven thousand five hundred dollars be, and hereby is, raised and appropriated for the purpose of the erection of a building for men and women patients and securing therefor the necessary furnishings, heating, including whatever changes may be necessary in order to connect said building with the present heat, light and power-plant, lighting, plumbing, water facilities and fire protection at an expense not exceeding one hundred eighty-seven thousand five hundred dollars, in accordance with plans and specifications to be approved by the governor and council; said sums to be expended under the direction of the trustees of said institution.

SECT. 2. The state treasurer is hereby authorized, under the direction of the governor and council, to borrow the said sum of one hundred and eighty-seven thousand five hundred dollars, on the credit of the state; and to issue bonds, or certificates of indebtedness therefor, in the name and on behalf of the state, twenty thousand dollars thereof to be paid annually, beginning on July 1, 1930, at a rate of interest not exceeding three and one-half per cent. per annum, payable semi-annually on the first days of January and July of each year; such bonds to have interest warrants or coupons attached thereto; said coupons to be signed by the state treasurer, and said bonds and coupons to be made payable at such place as the governor and council shall designate.

SECT. 3. Said bonds shall be designated New Hampshire State Hospital Bonds, and shall be signed by the treasurer, and countersigned by the governor, and shall be deemed a pledge of the faith and credit of the state. The secretary of state shall keep a record of all bonds countersigned by the governor, and the time of countersigning, the time when payable, and the date of delivery to the state treasurer. The treasurer shall keep a record of all bonds disposed of by him, showing the number thereof, the name of the person to whom sold, the amount received for the same, the date of the sale, and the time when payable. The treasurer may negotiate and sell such bonds to the best advantage for the state, but no bond shall be sold for less than its par value, nor shall such bonds be loaned, pledged or hypothecated in any way whatever.

SECT. 4. Said bonds when owned by residents or savings banks of this state shall be exempt from taxation.

SECT. 5. The governor shall draw his orders on the state treasurer for the amounts that may be, or become, due from time to time, under the contracts of the trustees, approved by the governor and council, for the purposes aforesaid, after said bills shall have been duly approved by the governor and council to an amount not exceeding the proceeds of said bonds.

SECT. 6. To provide funds for the purposes enumerated in section 1 of this act, pending the sale of said bonds, as above provided, the governor and council may, and hereby are authorized, to borrow money on the credit of the state, to an amount not exceeding seventy-five thousand dollars (\$75,000), and to use an amount of the avails of said bonds, when sold, sufficient to pay the principal and interest of the money borrowed.

SECT. 7. This act shall take effect upon its passage.  
[Approved April 15, 1911.]

## BY-LAWS

OF THE NEW HAMPSHIRE STATE HOSPITAL, ADOPTED BY  
THE TRUSTEES AT A MEETING OF THEIR BOARD HOLDEN  
OCTOBER 31, 1878, WITH SUBSEQUENT AMENDMENTS.

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SECTION 1. The annual meeting of the board of trustees of the New Hampshire State Hospital shall be holden at the State Hospital, in Concord, on the third Thursday of November of each year, and there shall also be held in addition stated meetings of the trustees on the third Thursday of February, May, and August of each year, at any of which meetings any business shall be in order other than that of the election of officers.

SECT. 2. The trustees shall, at the annual meeting, elect by ballot a president, secretary, and treasurer, who shall hold their respective offices one year, and until others are chosen in their stead. At times, when either of said offices is vacant, it may be filled at a special meeting of the trustees duly called for that purpose.

SECT. 3. Notice of the annual and stated meetings shall be given by the secretary to each trustee, either verbally or by mail, at least fourteen days previous to the day of meeting; and any meeting may be continued by adjournment, from time to time, until the business thereof shall be completed. In case of omission to notify the annual meeting, the same shall not be lost, but shall be considered as adjourned for the transaction of business, until the required notice thereof shall be given, which the secretary shall forthwith proceed to give.

SECT. 4. The president, or any four of the trustees, may call a special meeting of the trustees whenever in the opinion of either it may be deemed expedient so to

do; and the same notice shall be given of a special as of the annual meeting, which notice shall state specifically the business to be brought before such meeting. In case of a vacancy in the office of secretary, the president shall notify the annual meeting.

SECT. 5. A majority of the members of the board shall constitute a quorum for the transaction of any business; but any less number, at a meeting duly called, may adjourn from time to time, until a quorum be obtained.

SECT. 6. Two of the trustees shall visit the hospital each month, and notices of the months by him selected, or to him assigned, shall be sent to each member by the superintendent before the first day of such month.

SECT. 7. No trustee shall receive any compensation for his services as trustee; but expenses necessarily incurred in rendering the same shall be paid by the hospital.

SECT. 8. The trustees shall, at each annual meeting, appoint from their number an auditor, whose duty it shall be to examine the books and audit the accounts of the treasurer and of the financial agent for the ensuing year, and make a written report to the board at their annual meeting, provided there be no such provision for such an examination and audit by some other state official.

SECT. 9. The treasurer shall give a bond, acceptable to the trustees, in the penal sum of fifteen thousand dollars (\$15,000), for the faithful performance of his duties for and during such time as he shall continue to hold the office of treasurer, which bond shall be deposited with the president of the board.

SECT. 10. The treasurer shall receive, hold, and disburse all moneys coming to the hospital, except the permanent funds and the income thereof. He shall make an exhibit of the state of his books, and of the property in his custody, when called for by the trustees. He shall make up his accounts to the thirty-first day of August,



inclusive, in each year, which accounts, with his report thereon, shall be laid before the trustees at their annual meeting. His books shall at all times be open to the examination of the trustees.

SECT. 11. The treasurer shall pay all bills approved by the superintendent, and, in addition thereto, such orders as the superintendent may draw on him for the ordinary expenditures of the hospital, when said offices are held by different individuals.

SECT. 12. The treasurer shall receive such compensation for his services as the trustees may from time to time determine.

SECT. 13. The secretary shall attend all meetings of the board of trustees, and keep a record of their proceedings. He shall also prepare, or cause to be prepared, all documents, statements of notices which may be ordered by the board, or by the president thereof.

SECT. 14. The secretary shall receive such compensation for his services as the trustees may from time to time determine.

SECT. 15. The board of trustees shall appoint a superintendent, who shall be a physician, and reside at the hospital. He shall have the entire control of the treatment and management of the patients; the power to appoint and discharge all persons employed in their care; and shall exercise a general supervision and direction of every department of the institution.

SECT. 16. The superintendent shall make a written report to the trustees, at their annual meeting, of the condition of the hospital, and embracing such other topics as may have been suggested by the progress of the institution and the experience of the year.

SECT. 17. The superintendent shall receive for his services, in addition to furnished apartments, board, lights, and fuel for himself and family, such a salary as the trustees may from time to time determine.

SECT. 18. The superintendent shall furnish, to the acceptance of the trustees, a bond for the faithful performance of his duties, in the penal sum of ten thousand dollars (\$10,000), which bond shall be kept by the president of the hospital.

SECT. 19. The superintendent shall appoint four assistant physicians, who shall reside at the hospital. They shall possess such characters and qualifications as will enable them to discharge the ordinary duties of the superintendent, and shall at all times perform such duties as he may assign them, and to his acceptance.

SECT. 20. The assistant physicians shall receive such compensation for their services as the trustees may from time to time determine, in addition to furnished apartments, light, fuel, and board.

SECT. 21. All funds amounting to one hundred dollars (\$100) and upwards, which have heretofore been or which may hereafter be given to the New Hampshire State Hospital shall, unless otherwise ordered by the donors, be entered upon the books of the financial agent as permanent funds, with the surnames of the donors attached to each, and be forever kept intact. The income of each shall be expended from time to time in accordance with the conditions upon which it was given, or, in the absence of conditions, in such manner as the trustees shall deem to be for the highest interest of the hospital and its patients.

SECT. 22. There shall be chosen, by ballot, a financial agent, who shall have charge of the permanent funds of the hospital, shall collect, and, under the advice of the finance committee, from time to time invest, manage and disburse any moneys arising therefrom. He shall be, *ex officio*, a member of the finance committee, shall give a satisfactory bond for the faithful performance of his trust, in the sum of twenty-five thousand dollars (\$25,000), and continue in office until his successor is elected. He



shall receive for his services such compensation as the trustees shall from time to time determine, and make up his accounts to the thirtieth day of September, inclusive, of each year.

SECT. 23. The trustees shall annually choose two from their board, who with the financial agent, shall constitute a finance committee, and have general supervision and control of the permanent funds of the hospital, with power to sell and transfer any stocks, bonds, and other securities belonging to said funds, whenever, in their judgment, it may be expedient so to do.

SECT. 24. Besides attending the annual meeting, the trustees shall severally visit the hospital twice each year, in such months as they may select, or as may be assigned to them; make a thorough examination of the house and of the condition of the patients; and, before leaving, make a record of their respective visits in a book kept at the hospital for that purpose.

SECT. 25. These by-laws may be altered or amended at any annual or stated meeting by a vote of two-thirds of the trustees present, or at a special meeting called for that purpose.

SECT. 26. The trustees shall at each annual meeting of the board, elect an executive committee consisting of five members, two of whom shall constitute a quorum for the transaction of business. The executive committee shall have power to fill any vacancy on its board occurring between annual meetings, and to fix its times of meeting. It shall be the duty of the executive committee to meet at the hospital on the first Wednesday of each month, to confer with and advise the superintendent in relation to matters pertaining to the hospital. The committee shall elect one of their number chairman and another member secretary. The secretary shall keep a full record of the transactions of the committee, and at each annual or stated meeting of the board a report of its transactions shall be submitted.

## NEW HAMPSHIRE STATE HOSPITAL TRAIN- ING SCHOOL FOR NURSES.

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BERTHA M. CORNWALL, *Superintendent of Nurses.*

C. P. BANCROFT, M. D.

C. H. DOLLOFF, M. D.

A. B. HOWARD, M. D.

P. T. HASKELL, M. D.

H. E. HERRIN, M. D.

FANNIE M. FARMER, *Instructor in Cooking.*

The trustees of the New Hampshire State Hospital, having established a training school for nurses at that institution, offer to give women desirous of becoming professional nurses, a three years' course of training in general nursing, with especial reference to the care of cases of nervous and mental disease.

Those wishing to receive such instruction must apply to Dr. C. P. Bancroft, superintendent of New Hampshire State Hospital, Concord, N. H.

The most desirable age for candidates is from twenty to thirty-five years. They must be in sound health, and sufficiently interested in the subject of nursing and free from all incumbrances so that they can in all reasonable probability complete the prescribed course of three years.

The superintendent of nurses has the immediate charge of the training school under the authority of the superintendent of the hospital, and the nurses are subject to the rules of the hospital. The right is reserved to terminate the connection of any nurse or pupil with the school for any reason which may be deemed sufficient.

All nurses are required to be intelligent, trustworthy, kind and cheerful.

The instruction includes the general care of the sick, the making of beds, changing bed and body linen, managing of helpless patients in bed, etc., giving baths, keeping patients warm or cool, prevention and dressing of bed sores, and the proper management of patients under various conditions of disease; the making and applying of bandages; the dispensing of drugs; the management of patients in accidents and emergencies; the application of poultices, the dressing of burns, ulcers, and wounds; the administering of enemas, and the use of the female catheter; the preparation of the operating room and table, sterilization of dressings and instruments, preparation of the patient and after care, and the administration of anesthetics; the sterilization of milk for infants; the care of patients with infectious diseases; massage and electricity; the use of hot and cold baths and packs.

Students in the Training School receive practical nursing instruction from the superintendent of the Concord District Nursing Association, and each nurse serves two months in district nursing in the city of Concord. This service includes the care of general disease in the patient's home, minor surgery, and confinement cases.

A course in cooking for the sick will be given by a competent instructor from a Boston cooking school. Instruction will be given by the superintendent of nurses, by the medical staff at the hospital, and by the physicians and surgeons resident in the city.

The New Hampshire State Hospital is affiliated with one or more general hospitals at which they receive special instruction in medical and surgical diseases. This service occurs during the senior year.

Students in the Training School act as nurses in the various wards of the hospital during their term of service. In addition to board, lodging and laundry, nurses receive during the first year \$18.00 per month; during the second year \$20.00 per month, and during the third



## GRADUATES OF THE SCHOOL.

## CLASS OF 1890.

Ellen H. Colton.	Winifred C. Dillon.
Millie C. Geoffrey.	Sarah A. Taylor.
Addie J. Eastman.	Mabel Bacon.
Y. Farouhain.	Helen F. Baker.
Mary E. Londergan.	Annie E. Harris.
	Nellie Redman.

## CLASS OF 1891.

Katherine Jones.	Gertrude Dillon.
Mary L. Wood.	Lilla M. Felch.
Clara L. Coombs.	Mabel Darling.
	Laura J. Hazlitt.

## CLASS OF 1892.

Adelaide G. Waters.	Jessie B. Lang.
Ettie E. Cook.	Elizabeth Ackland.
	Nettie Kinread.

## CLASS OF 1893.

Jennie N. Peach.	Vivia M. Lohnas.
Winnie Sleeper.	Mrs. Alma D. Hale.
Flora P. Scruton.	Agnes Marie Levinsohn.

## CLASS OF 1894.

Harriet Frances Walleston.	Annie Marion Donaven.
Lillian Alberta Cameron.	Elizabeth Helena Elliott.
Elizabeth Augusta Slipp.	Florence Gertrude Hall.
Nettie Rayworth.	Edgar Alonzo Howe.

## CLASS OF 1895.

Lulu Barbrick.	Clara E. Pinney.
Flora E. Brawn.	Lila M. Colburn.

Elizabeth S. Thompson.	Helen E. McLane.
Hattie E. Bragdon.	Kathleen Kersey.
Jennie Quinn.	Jennie L. Johnstone.

## CLASS OF 1896.

Gertrude E. Cameron.	Nellie Chapman.
	Abbie Larabee.

## CLASS OF 1897.

Carolyn Bryant.	Anna B. Innis.
Kate Rauch.	Ida C. Noble.
Erena Yale.	Margaret Alexander.
Mary F. Maher.	Florence R. Tobin.
Frances Cummings.	Fred L. Howe.

## CLASS OF 1898.

Sarah S. Bugbee.	Lilla B. Brown.
Elsie M. Seierup.	Elizabeth H. Ham.
Carol L. Conant.	Martha E. Jackman.
Bessie Nesbitt.	Minnie F. Praught.
Emma M. Stearns.	Annie F. McDonald.
Myra Haynes.	Hattie Lee Evans.
	John L. Welsh.

## CLASS OF 1899.

Harriet Mabel Cruise.	Eliza Roberts.
Emma Marie Griep.	Margaret H. Schurman.
Mabel Goodwin Harvey.	Belinda H. Tappan.

## CLASS OF 1900.

Anna L. Butterfield.	Matilda E. Howard.
Posie Cockell.	Ida M. Hunt.
Ethelyn Dutcher.	Harriet J. Little.
Mary E. Fish.	Lorena E. Rogers.
Eunice A. Fisk.	Alice A. Tweedie.
	Anna B. Tweedie.



## CLASS OF 1901.

Jennie May Cockell.	Elizabeth Thresa Murphy.
Ada Avery Evans.	Anna Reed Wilson.
Annie Greenfield Wood.	

## CLASS OF 1902.

Amelia Jane Bullock.	Addie Anna Taylor.
Anna Day.	Annie Langille.
Veloura Belle Johnson.	Hilda Olivia Lawson.
Jennie Ellen Mather.	Tena Anna Urquhart.
Melissa Helen Pressey.	Ada Jane VanVranken.

## CLASS OF 1903.

Isabel Anderson Allen.	Clara M. Glidden.
Sarah Elizabeth Babcock.	Laura A. Mills.
Bertha Mabel Benson.	Bertha A. Osier.
Evangeline G. Benson.	Mary D. Patterson.
Minnie M. Bigney.	Edna E. Pugsley.
Ada Mae Brown.	Susie E. Webber.

## CLASS OF 1904.

Elsie E. Cater.	Celia A. Perrin.
Mary D. Patterson.	Bernadette L. Smith.

## CLASS OF 1905.

Jeanette Campbell Dickson, Sonora, Guysboro Co., N. S.  
 Helen Marie Garde, Lowell, Mass.  
 Myra Ordway Hemphill, Concord, N. H.  
 Adelaide Estano Hubley, Halifax, N. S.  
 Margaret Ursula Kelly, Lowell, Mass.  
 Lillian Pearl Rollins, Wentworth, N. H.  
 Olive Gray Eaton, Chelmsford Centre, Mass.  
 Mabel Olive Hall, Concord, N. H.  
 Mabel Lorena Hersom, Lowell, Mass.  
 Sarah Ann Hunter, Charlestown, Mass.  
 Mary Theresa Morris, North Billerica, Mass.  
 Blanche Pauline Stevens, Sackville, N. B.



## CLASS OF 1906.

Myrtie Morse Bingham, Bristol, N. H.  
Mary Elizabeth Cummings, Guysboro, N. S.  
Christianna Reay, Alna, Me.  
Kittie Noreena Carr Todd, Elkins, N. H.  
Ella Mina Lupien Blodgett, Newbury, Vt.  
Annie Elizabeth Miller, Hubbardston, Mass.  
Ida Janett Stewart, Proctorsville, Vt.  
Sara Von Helena Wheaton, Melrose, Mass.

## CLASS OF 1907.

Hilda S. Setterland, Dorchester, Mass.  
Mary F. Shaloo, Billerica, Mass.  
Mary J. Hocks, Manchester, N. H.  
Margaret O'Hara, Billerica, Mass.  
Daphne W. Perkins, Moore's Corner, Mass.  
Mary B. Perkins, West Concord, N. H.  
Violet H. Spencer, Parker's Ridge, N. B.  
Anne Cheney, Ashland, N. H.

## CLASS OF 1908.

Clara Belle Locklin, Utica, N. Y.  
Margaret Jean Leslie, Apple River, N. S.  
Blanche Adelaide Hemeon, Halifax, N. S.

## CLASS OF 1909.

Georgianna Cambell, Newport, Vt.  
Mary Ellen Cunningham, Concord, N. H.  
Mary Elizabeth Dalton, Canning, N. S.  
Margaret Richardson Harris, Southboro, Mass.  
Yvonne Adeline Laforest, Manchester, N. H.  
Caroline Vianna Lane, Stratham, N. H.  
Mary Monica Pollock, Lebanon, N. H.  
Elizabeth Oxley Reade, Bayside, N. B.  
Catherine Agnes Ryan, Penacook, N. H.

Martha Elsie Schofield, Orleans, Mass.  
Ellen Calvert Spiers, Montreal, P. Q.  
Anna Welles, Guysborough, N. S.  
Grace Lillian Woods, Nashua, N. H.

## CLASS OF 1910.

Christina Brown, Paisley, Scotland.  
Hannah Marie Callahan, Watertown, Mass.  
Martha Maria George, Castle Bar, Quebec.  
Clara Edna Howe, Bedford, Mass.  
Jane Grant McCabe, Leominster, Mass.  
Teresa Rosalie McKenna, Charlestown, Mass.  
Catherine Evelyn Murray, Lowell, Mass.  
Bertha May Perry, Leominster, Mass.  
Nora Purcell, Roxbury, Mass.  
Laura Hester Reed, Oak Bay, N. B.  
Helen Jane Sabre, Lowell, Mass.  
Ada Grace Young, Milltown, N. B.

## CLASS OF 1911.

Amanda Anderson, Manchester, N. H.  
Martha Bailie, Boston, Mass.  
Mary Elizabeth Dailey, Livermore Falls, Me.  
Katherine Anna Nicholson, Prince Edward Island.  
Edith Melvin Pease, Elmore, Me.  
Marie Antoinette Rosenvinge, Lebanon, N. H.  
Emma Blanche Simmons, Halifax, N. S.  
Adelaide Jane Stevens, Haverhill, Mass.  
May Jay Sugrue, West Cornwall, Vt.  
Lillian Adelaide Tilden, Concord, N. H.

## CLASS OF 1912.

Anna Chisholm, Antigonish, N. S.  
Nora Collins, Winthrop, Mass.  
Clara Agnes Curran, St. Anicet, Quebec.

Elizabeth Margaret Gallagher, Boston, Mass.  
Lucille Haskell, Medford, Mass.  
Lucina Ide, Monroe, Maine.  
Mary Ellen Kirke, Summerside, P. E. I.  
Maida Kenne, Beverly, Mass.  
Isabelle Ethel Linden, Newcastle, N. B.  
Anna Liberty, Concord, N. H.  
Cora Lee, Brighton, Mass.  
Minnie McMurray, Newcastle, N. B.  
May Maurer, Waltham, Mass.  
Rebecca McArthur, Cambridge, Mass.  
Harriet Elizabeth Pease, Elmore, Maine.  
Jennie Winnifred Ratcliffe, East Kingston, N. H.  
Sylvia Svendsen, Roxbury, Mass.  
Annie Adelaide Skerry, Waverly, N. S.  
Florence Townsend, Louisburg, Cape Breton.  
Lottie May Wood, Haverhill, Mass.

## ADDRESS.

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### GRADUATING EXERCISES OF THE TRAINING SCHOOL FOR NURSES, OCTOBER 10, 1912.

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BY MRS. SARAH A. RAND, TRUSTEE MEDFIELD ASYLUM.

Somewhat more than a year since, it was my privilege to look into the faces of a graduate class of nurses, seeking to give them some conception of the expectations entertained by the laity concerning the work of the trained nurse. Even in the midst of words, memory recalled the wail of a long-suffering superintendent of a prominent training school for nurses.: "Oh! these yearly recurring talks—one on every graduation day in every training school throughout the land! Let us be frank and admit plainly once for all that they are wearisome perennial rubbish,—‘unflavored mental pabulum’ which we as we sit on the platform, full of enthusiasm, must accept. How gladly would we hear something to stimulate us as human beings."

Seathing as is this dictum, yet, at that moment, a vision flashed through the brain which, so far as endeavor permits, shall be transmitted to you with the earnest hope that it may serve to kindle enthusiasms and make more glowing your ideals.

We fittingly term a graduation a "Commencement" for here begins a new order—a different attitude toward life. Heretofore other hands have been moulding you—directing your action, criticising your performance—stimulating your endeavor. Now, each stands on the threshold of an independent professional life, thrown

upon her own resources—no one, save herself to hold each up to a high standard—each one of you cherishes her ideal. “Ideal,” that old sunny word, which has come down to us from the Greek thinkers, signifying the perception of what we should be.

It is told that, on the spur of the moment, the artist Enneking made answer to the request to define the ideal—“The ideal is the choicest expression of the real.”

On many a calendar you have met the words of Carl Schurtz which are like “apples of gold in pictures of silver.”

“Ideals are like stars: you will not succeed in touching them with your hands, but, like the sea-faring man on the deserts of water, you choose them as your guides, and following them you reach your destiny.”

“How discouraging!” do you exclaim? “Seeking forever the unattainable!” But hear the proposition put by a most intensely human and stimulating poet,

“Man’s reach should exceed  
his grasp or  
What’s heaven for!”

The power is given to us mortals of fashioning ideals and our worth in relation to our fellows depends upon these ideals we cherish. Ideals are the very soul of life. The word progress is unmeaning without reference to an ideal. As some distinguished scholar and statesman has said, “Ideals are the meat and drink of life—the food that makes us what we are, that is transmuted into the fabric of our being—they support and, still more, they rule us.” It is, then, of great moment that we should consider well our ideals; they exercise their influence upon us insensibly. We grow like the object of our desire.

The contemplation of a high ideal of life will give

back the true conviction of our personal responsibility to life. Like the mariner we must fix our eyes upon our goal and steadily move toward it—for the pursuance of an ideal is a condition of sustained action and our action shows us for what we really are. We are born not alone to think, nor to absorb to ourselves all the treasures we can command, but to act. Knowing that life is not a search for personal pleasure or aggrandizement, not even an effort after self-centred culture, but the accomplishment of a divine service. We can do our humblest tasks thoroughly and liberally not as drudges but as fellow-workers with saints and heroes. We can learn to convert that which is a means of livelihood into a means of life for no life is shut out from noble possibilities. It is the way in which we do our work, the feeling of duty and responsibility to it, which lends dignity to life. The work may be even trivial, our way of doing it reveals our character.

It is under the inspiration of noble ideals that peace and strength and dignity are given to our lives. For we are set here in this world for a single purpose—to build into our lives the beautiful and enduring forms of the realm of the spirit. There is nothing more disastrous in any of us than to hold a high ideal as a mere matter of intellectual pleasure and in practice make no effort to realize that ideal. Performance, not promise, the world demands. Yet it is not wholly what a man does which exalts him, but what a man would do.

And herein ideals have a real and very practical value, for it is our peculiarly human privilege to direct conduct through ideals—they are a constant spur to action—pointing out the direction of progress and at the same time furnishing the motive to it. They also indicate our actual measure and our possible growth—they furnish us a consciousness of possibilities yet unrealized.

While one meets in this day with a realism which as-



sumes an apathetic attitude, if not a positive antagonism to the idealistic, yet all will concede that the ship on the sea needs to sight some goal.

Humanity has been carried upward by men of high ideals. Consider for a moment, the name of Philippe Pinel, which, surely, should be familiar to those closely related to the care of the mentally diseased, for he was the pioneer in recognizing insanity as a disease.

This distinguished young physician entered Paris in 1778. He was thirty-three years of age at that time and had received the best medical education that age afforded and his abilities were recognized by the leading authorities in his profession. Pinel, however, was not satisfied to move along conventional grooves, repeating the error of centuries. He was an idealist in the truest sense of the term and illustrates nobly the power of the ideal over the individual. High dreams and lofty visions stirred his imagination and transmitted themselves into action. He aspired to help the unfortunate and in looking over the field to find where he might be most useful his attention was attracted to the stupendous work waiting to be wrought for the insane, at that period the most cruelly treated and shamefully outraged class in Christian Europe. The great savants of France received coldly his impassioned plea for a radical change in the treatment of those bereft of reason and so deep rooted was popular prejudice against him and his methods that the noble doctor was mobbed by the populace of Paris. Nothing daunted, he held to his high ideals, and, in the end, his success was so decisive that it was the means of bringing about a great reformatory revolution in the treatment of the insane throughout western Europe.

This humane revolution investigated by this light-bearer of the closing years of the eighteenth century, who was loyal to his high vision, has steadily moved onward from that day.



Here in America, Dorothea Dix, many times an honored guest of this institution—inspired by a high ideal and oblivious to all thought of self—wrought a work similar to that inaugurated and carried forward by Pinel in Europe. But the power of the ideal over the individual is not pre-empted by the great ones of earth. It is the high privilege of each living soul to see the vision which guards monotony of work from becoming monotony of life.

The nature of your profession easily lends itself to the conception of high ideals and inspires one to give to it a “thorough-going and willing devotion.”

“Not to be ministered unto but to minister,” seems the expression of its very essence, and more fittingly to be appropriated as its watch-word than by a college. Yet it is quite possible to hold the egoistic or selfish ideal concerning your high profession which will act ever as an insidious poison, dimming and finally blotting out the high, unselfish ideal—the divine vision that moves as Bethlehem’s star before the aspiring soul.

At the outset then, what kind of a nurse will you be—one who looks upon her work simply as a way of making a living or shall it be a way of giving out your best self? Shall life be for you a getting or a giving? Will you choose to be a nurse of the Sairey Gamp or of the Susan Nipper type? The one in it for what she can get out of it for her sordid, selfish self; the other wholly forgetting self as we see her portrayed in the admirable scene, one of the greatest of Dickens’ achievements, as his latest critic styles it—where she faces and rebukes Mr. Dombey?

One loves to dwell upon that word-picture of the nurse as drawn by Matron Fox of Tottenham Hospital:

“A woman firm-lipped, steady-eyed, light of foot, active of movement, quick to see, with delicate, sure touch, kind smile and quiet voice, possessing also a

mental-fitness which takes long, deep views of the things of life, and a moral fitness which can be tested in no examination, neither learned in any hospital but shows itself in faithfulness to trifles, wide tolerance of others, in earnest aspiring after light and truth, in righteousness and pureness of living in ways of pleasantness and peace."

You will note that this portrayal makes no reference to technique; far less shall one of the laity who can only plead a whole-hearted interest in all the details of your training and who brings you congratulations that you have received it in this school of high standard, where nothing less than a thorough-going efficiency is accepted in its graduates.

But beyond mere technique, why should not one hold high ideals concerning all aspects of life—for when we are satisfied with mediocrity when commonness does not trouble us; when we do not feel disturbed by a day's poor work, or a slighted task does not haunt us, when we complacently do less than our best, there are signs of deterioration about us.

It seems practical that the nurse should cultivate ideals as to her physical well-being, to her self-culture, and, above all, to the upbuilding of character.

One cannot measure up to that poise, that quiet self-control which Matron Fox so beautifully depicts unless there be a fine physical condition. Health becomes a duty owed to yourself and those to whom you minister, for the ideal nurse is one whose bodily presence should breathe cleanliness and health.

Although the foremost French feminist, Mon. Finot, prophecies that the physical beauty of the new woman will outstrip by far that of the woman of to-day or of the past, yet it is obvious that there is immeasurable room for the improvement of the general physique of the race.

In one of the plays of Aristophanes, an Athenian woman thus addresses a Lacedæmonian wife: "O, dearest Spartan, O Lampito, welcome! How beautiful you look, sweetest one! how fresh your complexion! You could throttle an ox." "I think I could," confidently responds the Spartan lady. Contrast this incident with the recommendation of an old English book of etiquette, suggesting blood-letting to ladies before going into society in order to present the pallid complexion so much admired by the opposite sex.

Truly times change and we change with them, and while not aspiring to classic vigor and scorning the swing of the pendulum to blood-letting in order to court admiration, yet we are swayed too easily by the demands of varying fashions when they are a positive menace to sound health.

While in the consideration of self-culture the intellectual aspect is apt to receive large emphasis, shall we not for a moment consider our manners? Great talents are beyond the reach of many of us, but the lesser talents of civility, affability, and obliging and agreeable address and manners lie within every one's power to cultivate and are recognized straightway. There is a certain dignity of manners absolutely necessary to make the most valuable character respected. A philosopher of modern fiction is made to say, "I have a great idea of treating the world with civility. The one thing it has worth having is its sense of manners. Let us have manners,—don't you think so?" The saying of an old-time mammy, "Manners will carry you where money won't," declares a very practical truth. Courtesy is the nurse's safeguard. Always be easy and free. Never be free and easy. "Courtesy," said a highly successful superintendent of a training school for nurses, "is the one word which at once suggests the perfect adjustment between physician and nurse." To be treated courteously—to

treat others in all sorts and conditions of life, courteously, is your right—first as a woman, then as a nurse.

The dwelling upon the noblest thoughts which our fellow-mortals have uttered is a most fruitful source of self-culture and also an inspiration to high-ideals, for the treasures of the ideal which were in their souls may be transmitted. To take a slight liberty with Longfellow:

Wher'er we find a noble thought  
Our hearts in glad surprise  
To higher levels rise.  
The tidal wave of deeper souls  
Into our inmost being rolls  
And lifts us unawares  
Out of all meaner cares.

Already you may know the joy that may be found in cultivating the acquaintance of books. They are companions and acquaintances to be had at all times and under all circumstances. They are never "out" when you knock at their door. Your time for reading is perforce somewhat limited, but the culture of your own mind requires exercise to keep it in a state of health and vigor and alertness. Therefore in your reading determine to choose the best. Know something of the best poetry of the world, the best fiction—the great events of history—the deeds of noble lives. One has heard the remark, "I just had to read that book—everyone is reading it." You can well afford to let such a book wait a bit before letting it consume your precious moments. If it's truly worth while, it will live and you'll have the benefit of the judgment of time.

There are a plenty of inspiring novels to choose from and there are novels which are as helpful as good friends. But time is sadly wasted if we indulge over much in what someone has aptly termed "looking-glass fiction,"

“gramophone cylinders.” One wants books not to kill time, but to fill it with beautiful thoughts and images—to enlarge one’s vision, to give new friends in the spirit, to purify ideals and make them clear, to hear new messages.

In recent converse with a physician, a woman who has been in close touch with nurses in large cities, the insidious temptations which sometimes enter into their lives were disclosed. Coming as they do from unexpected sources—even as a shock and wholly as a surprise—it takes steadiness of nerve, honesty of soul and high integrity of character to hold one’s self strong and true against them. At these times of testing, your high ideals of all that goes to make noble character will prove like anchors to the soul holding you steadfast. Now character, as Ruskin tells us, is, whether for better or worse, of steady, constant growth. Every day of life is ordaining the custom and practice of one’s soul. It is not determined all at once by a single act, but is a fabric made up of thousands of threads and put together by uncounted stitches. While it is emphatically our personal gift to our day and generation, yet beyond that it is the eternal thing about us and its constant strengthening and upbuilding is our high duty.

Work itself, our tasks, duties, obligations have a wonderful power to unfold and develop our character and to help us discover advancing ideals. The difference in folks is not between working people and thinking people, but between people who work without thinking and people who think and grow while they work—for the facts of life are our constant teachers, and our experiences, lessons. The world needs not so much the finished scholar as the well equipped learner whose attitude is akin to that of President Eliot, who, starting on his around-the-world trip at seventy-seven years of age, exclaimed, “I ’m going not to teach but to learn.”

“Never too old to learn means simply,” said Gladstone, “that life should be spent in a strong, steady, constant effort to improve the apparatus for the guidance of life, both in thought and action.”

For, truly, the zest of life comes not so much from what we are but from what we are coming to be.

To have a sense of enlarging powers and tasks—to feel our personality and its influence growing—to have a big hope that leads us on and to see it attained, bit by bit—to feel an unlimited capacity for real growth—this makes up the satisfaction of a real life.

May each woman of you follow the true ideal of progress and right, and consecrate each hour to the service of civilization and the upliftment and enrichment of human life.



## SERVICE MANUAL.

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A strict observance of the following rules is the established condition of all contracts for service with the New Hampshire State Hospital, and any applicant for a position not willing to observe them strictly will do better to seek employment elsewhere.

1. Any employee wishing to leave the premises to go into the city or elsewhere must apply at the office, that such absence may be understood; and all must be at the hospital at ten o'clock in the evening, unless away later by permission.

2. It is expected that all persons employed will consider that, on the condition of their respective contracts, they have engaged their time and best services to the hospital; that it is inconsistent with their duties to hold political office; that they are under obligations to do every duty assigned them, promptly and faithfully; that they will feel personally interested in the good care, safety, and welfare of the patients, and that they will give their personal influence in support of good order and the established regulations of the institution. To this end it is most desirable that all should cultivate quiet, kind, and dignified manners and correct habits in all things, considering always that this is no less for the interest of the employee than for that of the employer.

3. Those proposing to discontinue their services will give at least thirty days' notice, that time may be given to supply their places.

4. That the house may be quiet, it is expected that all will be in their own rooms after ten o'clock in the evening, at which time the house is closed for the night. After this time the quiet of the house must not be dis-



turbed by passing and conversation. All must bear in mind that the repose of the patients is a thing of prime importance. All having duties must rise at the proper time and proceed to the performance of the same.

5. No light must be carried about the building except in a lantern and the greatest care must be taken in the use of matches, that none be left exposed. A little carelessness in this thing might be followed with the most serious consequences. No smoking will be allowed in the hospital buildings, except in places provided for that purpose.

6. No one will invite visitors to stop in the house without permission to do so; but on application all reasonable privileges will be granted.

7. No one shall employ a patient to do private work for himself or herself without the consent of the superintendent, assistant superintendent, or other officer authorized to give such permission; and no one is allowed to trade or make bargains with patients.

8. Provision is made to afford each person employed a vacation of two weeks in the year, during which time the duties of the position will be done by a substitute; but the superintendent does not guarantee to retain the place of anyone for a longer term of absence. On leaving for a vacation, or permanently, everyone will deliver his or her keys at the office.

9. Whenever patients are encouraged to engage in any kind of labor, it is with a view to their own benefit; and hence no one will be taken from the halls for that purpose unless some order to that effect has been given in the case.

10. The person taking patients to labor will be held strictly responsible for their safety, kind care, and safe return to their respective halls.

11. All farmers or others to whom patients are intrusted for labor will remember that they are not to be treated as servants; they will avoid all appearance of

commanding, and will exercise the greatest care that no willing one shall be made a drudge or work too long. It will be treated as a grave offense if any employee shall take advantage of the willingness or mental weakness of any patient to impose on such one the harder or more unpleasant parts of the work on which they are employed. The head farmer is required to see that this rule is obeyed in spirit and letter, and report promptly to the superintendent any violation of the same. As occupation is a thing of the greatest value to most patients, every employee is required to do all in his or her power to interest them in it in some form and make it attractive.

As far as practicable, provision will be made to give each employee opportunity to be absent from duty for church services on Sunday a due proportion of the time; and any whose ordinary labor is wholly suspended on Sunday are liable to be called on to relieve others whose duties continue a portion of the time, and such must hold themselves in readiness to be so called on.

#### STEWARD.

The steward will have the general oversight of the building, farm, stock, and premises. It will be his duty to attend to ordinary business transactions and see that hospital property in every department is saved, kept in its proper place, protected from harm or waste and properly used. He will see that everything about the premises is kept in good order, that the grounds near the house are kept clean, free from waste and rubbish, and will extend the same supervision to the basement and attics, and see that the person to whom it is assigned to care for these spaces discharges his duty faithfully. He will see that all animals are properly taken care of, and that carriages, tools, and implements are kept in repair and stored in their places when not in use; and,

generally, he will be responsible to the superintendent for the good condition of property and premises, and must properly notify him of anything adverse to the welfare of the hospital which comes to his knowledge. He will attend to procuring ordinary supplies for subsistence, except so far as otherwise provided for by the superintendent, and see that such goods are delivered and stored in their proper places. He will hold himself ready to discharge any special duty required by the superintendent.

#### CLERK.

It will be the duty of the clerk to keep the books and accounts in a neat and accurate manner, take systematic care of all papers connected therewith and perform any special clerical work required by the superintendent.

#### HOUSEKEEPER.

SECTION 1. The housekeeper will have the general management of the internal domestic affairs. The labor in the kitchen, laundry, and sewing department will be done under her direction; and those employed in these departments will hold themselves subject to her orders in the discharge of their duties. She will attend to the good condition of all apartments connected with the general housekeeping, will see that they are properly furnished and kept in good order. She will see that all the work in her department is done in accordance with the general instructions of the superintendent.

SECT. 2. She will have the care of all goods and material used in her department and will see that they are saved and economically used; all bedding and articles manufactured for housekeeping purposes will be under her care, and she must see that they are not wasted or

given out needlessly. She will have the care of the making of any clothing furnished to female patients and will be required to keep an accurate account of the cost of such clothing or other articles furnished to anyone. The cost of any articles furnished for patients must be returned by her to the supervisor, to be entered in the accounts of such patients.

SECT. 3. It is the duty of the housekeeper to report to the superintendent any instance of misconduct, failure in the proper discharge of duty, or violation of the established regulations occurring in her department, and not promptly rectified by the delinquent. It will also be her duty to report to the person who keeps the time-book the times of commencing and leaving duty of all employed in her department.

#### SUPERVISORS.

SECTION 1. The supervisors in their respective departments will have the general oversight of the halls and the patients; and the prudence and tact with which their duties are performed will be an important factor in the condition of the house. It is expected that they will see that the rules of the house relating to the patients are observed in every particular; that all patients are treated with uniform respect and kindness; and it is their imperative duty to report immediately to the superintendent or assistant superintendent any instance of neglect, incivility or ill usage of a patient, or any violation of the established rules.

SECT. 2. They will see that all medicines prescribed are faithfully and in a proper manner administered and that all directions of the medical officers are strictly obeyed.

SECT. 3. They will be expected to pass as much time in the halls as the proper discharge of other duties

will allow, will instruct new attendants in their duties, and as much as possible assist in efforts to interest and employ the patients.

SECT. 4. The supervisors must see that the dining-rooms are furnished with the necessary utensils, that the attendants take proper care of the dining-rooms, that the cupboards are sweet and in order, the tables neatly set and the meals properly served.

SECT. 5. They will have the general charge of the clothing of the patients and an oversight of the beds and bedding of the halls. The attendants must report to them any deficiency in either which may exist, and it is their duty to see that such wants are supplied.

SECT. 6. On the admission of patients, their clothing will be taken in charge by the supervisors, entered in the book provided for the purpose and each article plainly marked. All articles afterwards furnished or received will be cared for in the same manner.

The clothing of patients leaving must be compared with the record, neatly packed, and delivered at the office by the appropriate supervisor.

Any knives, razors or other dangerous articles in possession of a patient on admission must be brought to the office for safe-keeping and record.

SECT. 7. They will pay special attention to the sick, report promptly at the office any change of symptoms, see that they have proper attention and that any special diet prescribed is delicately prepared and served.

SECT. 8. After passing through the halls and learning the condition of the patients early in the morning, the supervisors will very briefly report to the physicians any sickness or other fact demanding attention before their morning visits.

SECT. 9. Before the Sunday chapel service and other occasions of public gathering, the supervisors will see that



the patients are properly dressed for the occasion and accompanied to the chapel by their attendants.

SECT. 10. The supervisors will report to the clerk the times of commencing and leaving off work on the part of the attendants employed in their respective departments.

SECT. 11. In general, the supervisors are expected to hold themselves in readiness to carry into practical effect the instructions of the superintendent and to use all their personal influence in support of the spirit and design of these regulations.

#### ATTENDANTS.

A strict observance of the following rules is the established condition of all contracts for service in the wards of the New Hampshire State Hospital. It is expected that any applicant for the position of attendant who is unwilling to observe them strictly will do better to seek employment elsewhere. Having accepted such a position, any violation of them will be considered a breach of contract and treated according to the nature of the offense.

1. Any attendant wishing to absent himself from the premises after ten o'clock in the evening will leave word to that effect at the office, that such absence may be understood.

2. That the house may be quiet, it is expected that all will be at their own rooms after ten o'clock in the evening, after which hour the house is closed for the night. After this time the quiet of the house must not be disturbed by conversation or passing to and fro. It is expected that all lights will be extinguished at that hour; and it is the duty of the night watch to extinguish any light burning unnecessarily during the night as well as to report the same at the office. It is expected that any

employee on leaving his room during the evening shall extinguish the light.

3. No light shall be carried about the building except in a lantern. All employees will use, in the service of the institution, the safety matches provided by the management. Only one box at a time will be furnished. The old box must be returned before a new one will be issued. *Attendants must never give matches to patients.*

4. Smoking in any room or ward is strictly prohibited.

5. The use of liquor in any form is positively forbidden.

6. Any attendant wishing to leave the service honorably will be expected to give reasonable notice of his intention to leave, preferably from two to four weeks.

7. Attendants are not allowed to invite their friends, relatives or strangers into the wards without permission from one of the physicians. No one will invite visitors to stop in the house without permission to do so; but on application all reasonable privileges will be granted.

8. Attendants will never compel patients to work, but all patients who desire to assist may be allowed to take part in the housework, but under no circumstances must an attendant delegate one patient to take personal care of another patient. Personal care of patients, including feeding, bathing, dressing, and undressing and the administration of medicines, must never be intrusted to other patients. Attendants will never allow other employees to take patients out of their ward, either for work or any other purpose, unless special permission has been allowed by one of the physicians.

9. In wards P 1 and P 2 both attendants must be present at meal time and retiring time, unless one has special permission from the superintendent to be absent. In ward P 3 both attendants must be present at meal time, but they may alternate evenings off duty from immediately after the attendants' supper until retiring



time. In wards with two attendants, both shall not leave their ward at the same time, but they may alternate with each other in the following way: One may have one hour off duty from 11 a. m. until 12 m., the other may have one hour from 4 until 5 p. m. They may alternate with each other on Sunday from the time the morning dining-room work is completed until 3 p. m.

In wards with one attendant, the attendant will alternate hours off duty with the attendant in the adjoining ward from 11 a. m. until 12 m. and from 4 to 5 p. m., and on Sunday they may alternate with each other from the time the morning dining-room work is completed until 3 p. m. In wards with one attendant, the attendant may alternate evenings off duty with the attendant in the adjoining ward from immediately after the attendants' supper until retiring time. All attendants must be present at meal time on Sundays as well as week days.

10. *Treatment of Patients.* In all their intercourse with patients, the attendants are required to treat them with respect and civility, to be kind and gentle in manner and avoid roughness of every kind. In the care of their patients sympathy, kindness, and tact should take the place of force and display of authority. But if interference with violent and excited patients becomes necessary, sufficient aid must always be procured from the attendants of neighboring wards to avoid personal injury to either patients or attendants. Such aid should be summoned before attempting to deal with the case in hand. Personal conflicts are always to be avoided, choking, kicking, or striking of patients by attendants is never allowed. Any violation of this rule will be considered a grave offense.

11. No patient shall be restrained or secluded except by order of the physician, save in an emergency, in which case it shall be at once reported to the office.

12. The peculiarities of patients must never be made a subject of sport or ridicule.

13. Attendants will abstain from the use of profane or vulgar language.

14. Attendants will bathe untidy patients as often as is necessary. And once every week each attendant will see that every patient in his ward has a warm bath and change of underwear, hose, and linen. The attendant must be personally present at the bathing of the patients; especially important is this in the case of the feeble, epileptic and suicidal. The attendant will see that the water of the bath has the proper temperature. Bath-room doors are always to be kept locked.

15. The attendants will always take care that the clothing worn by patients is adapted to the season and occasion. In case of sudden change from heat to cold they must make at once the needed change of clothing.

16. It is particularly expected of attendants to see that every patient is cleanly in person; that the hair and nails are attended to; that any rent in clothing is promptly mended; that the garments worn are kept buttoned; and that any stains from carelessness in eating are promptly removed.

17. In suitable weather the attendants are required to take such patients in their ward as are able into the open air twice daily, either to ride or walk. Newly arrived patients, however, are not to be taken out of their ward until ordered by one of the physicians.

18. In case of sickness or an emergency at night, the attendant may be called by the night watch to render assistance. Such assistance must be cheerfully given.

19. At certain specified hours attendants will give to such patients as are designated by the physicians medicines that may have been prescribed. This duty must always be performed by the attendant. After giving the

medicine, they should wash and return the glasses to the proper place.

20. The keys of the ward are to be kept strictly in the hands of the attendants; they must never be left carelessly about, nor intrusted to patients.

21. At meal times the attendants must serve the food to the patients, see that each is properly provided for, and personally prepare and feed those who are sick or unable to feed themselves. The patients must not be hurried through their meals. Knives and forks must be accounted for and never carried from the table by patients.

22. *Care of the Ward.* In the morning the attendants will rise at six o'clock. They will unlock the doors of patients' rooms that have been locked; see that the beds are aired, the night vessels removed, and, as soon as other duties will allow, they will remove all soiled clothing and see that the beds are made according to the prescribed method. Every room must be swept out every morning, as well as the ward and dining-room. Especial attention must be given to the waterclosets, urinals, and bath-room. Absolute cleanliness must prevail. The attendants will sweep and wash the stairways leading to their respective wards every morning.

23. The care of the storeroom is extremely important. It is the duty of the attendant to keep each patients' clothing in its proper drawer, to transfer the same with the patient whenever he is moved to another ward by order of the physician or supervisor, and to see that every article of clothing is accounted for and corresponds with what has been furnished by the supervisor.

24. Once every week the attendant will make out a requisition for articles needed for ward use, properly accounting for those that are worn out or destroyed, and give the same to the supervisor.

25. The attendant must shave those patients desig-

nated by the physicians or supervisor. In shaving, great care must be taken to have the razor in good order and to shave easily and neatly. No other patient should be present and the razor must be kept under lock and key.

26. Patients who attend chapel or entertainments, who go out to walk or ride, or receive visits from friends or relatives, must be properly dressed, their hair brushed, and their general appearance made as presentable as their mental condition will allow.

27. The hours of meals, of closing the wards at night, and of duty, will be regulated by Eastern standard time. Clocks, regulated hourly by the clock in the office, will be located in the wards at accessible points and it is expected that all attendants will use this time and no other, regulating their watches and clocks by these standard time clocks.

28. *Hours of Closing Wards.* Attendants in charge of wards 4, 7, P 1 and P 2 will close their wards at 7.30 o'clock p. m.

Attendants in charge of wards 5 and 8 will close their wards at 8 o'clock p. m.

Attendants in charge of wards 9 and P 3 will close their wards at 8.30 o'clock p. m.

Attendants in charge of ward 6 will close that ward at 9 o'clock p. m.

At the above mentioned hours all lights in the wards indicated will be extinguished.

29. During hours of duty, attendants will remain on their own ward, not in their own room, but on the ward. Visiting from hall to hall during hours of duty, without special business, or going away to other parts of the premises out of one's field of service, is wholly improper and not allowed.

30. The attendant will hold himself in readiness to accompany the physician or superintendent when he makes his ward visit.

31. In taking patients out of doors the attendants must see that no one strays from the party, and so regulate the speed of walking, or the character of other exercise, as to suit, as well as may be, the average of persons present. Preference should be given to walks within the hospital grounds, but, when walks are taken into the city, it is not permitted to visit stores, hotels, railroad stations or other public places, except by permission previously obtained.

32. All damages done to buildings or property by patients must be reported to the supervisor by the attendants.

33. *Duties of Attendants in Case of Fire.* Attendants will observe the following rules in case of fire.

I. Communicate with the office at once, either by telephone or messenger, giving information as to location and extent of fire.

II. Unlock at once every room door and get every patient who may be restrained or secluded out on the ward, no matter what their mental condition may be.

III. If the fire is in any ward, the attendant on duty will immediately uncoil the hose at the nearest house hydrant and turn on water. For this reason it is expected that every attendant will familiarize himself with the location of the various hydrants. In wards 4, 5, and 6 the hydrants are located on the stairways leading from office to those wards. In wards 7, 8 and 9 the hydrants are located in the west end of the ward in the closet marked "Hose Closet." In the Peaslee building the hydrants are located on the stairway leading from the wards of that building to the basement. On each of these hydrants there is hose attached sufficient to extend to the next line of hose. The water can be turned on by opening valve, which turns towards the right. Be sure



and uncoil hose and get out all knots or twists before turning on water.

IV. If the fire is in any other part of the building, the attendants will remain on their own wards, first getting all of their patients out of the rooms. They will wait for further orders.

V. If ordered, or if necessary, they will move the patients out of the ward through the exit that is most remote from the fire. In moving patients at such a time it is imperative that there should be as little confusion and excitement as possible. The attendant should have his patients file out in line and be particularly careful to avoid confusion on the stairways.

VI. After patients are removed from the ward, the attendant must remain with them, keeping them together, and await orders from supervisor or physician.

#### EXTRACT FROM THE REVISED LAWS OF THE STATE OF NEW HAMPSHIRE.

##### Chapter 280.

SECT. 10. "If any person shall aid in any manner in the escape of a prisoner committed, before or after conviction, to any place of confinement for any criminal offense not capital, he shall be liable to the same punishment to which such prisoner was or would have been liable, or to imprisonment not exceeding one year and fine not exceeding two thousand dollars."

SECT. 34. Hospital keys are not to leave the premises but are to be left in the office at the time of registering, and only with the one in charge of the office.

SECT. 35. Each bunch of keys is numbered and the attendant is held responsible for each key composing that bunch. When changing from one ward to another the keys at the office must correspond with the ward.

## COOK.

Under the direction of the steward the cook will have the supervision of the work in the kitchen, the care of utensils and of supplies of provisions within the kitchen premises.

The cook must see that the kitchen and all utensils are kept clean and in perfect order, that good order is preserved in the kitchen, and that each employee performs all duties assigned in a proper manner.

The cook shall see that all food is prepared as directed, is made palatable and inviting and sent to the halls hot. Special care must be taken in preparing diets for the sick, that they are nicely cooked and sent to the patients in acceptable form.

The cook shall report to the steward any instance of failure in duty or violation of the rules occurring in the department.

Persons employed elsewhere in the institution will not be allowed to loiter about the kitchen premises or bakery.

If any meat, butter or other articles of food of poor quality are furnished for use, the head cook must promptly report it to the steward or superintendent.

## BAKER.

The baker will see that the baking room, oven, and all utensils belonging to his department are kept scrupulously clean at all times, that the house is kept supplied with the various kinds of bread prescribed, and he must keep his stock of bread sufficiently in advance of the demand that it may not be eaten absolutely new. On the days designated, he will make warm rolls or biscuits.

It is his duty to report at once to the superintendent or steward any defect he may discover in the quality of the flour or other material for food furnished to his department.



## PORTER.

The porter will have the whole charge of the food car and will keep it always clean and in good order; will, at the appointed times, take the prepared meals from the kitchen to the several dumb-waiters, and deliver them to the attendants, who shall be present at the call of the slide-bell to assist the porter in running up the dumb-waiter, if necessary, and remove the meals carefully to the dining-rooms. In this, care must be taken by all that the food and utensils are handled gently and that the meals reach the tables in good order. In like manner must the dishes and waste be received from the attendants by the porter, and by him be properly disposed of.

The porter will be responsible for keeping the basement and attics swept and everything in its place. At the appointed times the porter will attend to instructions of the superintendent. He will see that any object thrown from the windows during the night is removed promptly in the morning and will hold himself ready to perform any item of duty required by the superintendent.

## ENGINEER.

The engineer will be responsible for the good care of the boilers, engine, steam, and water pumps, and all parts of the machinery, which must be kept in repair and in good running order. He shall promptly attend to the repairs needed in steam or water apparatus or other repairs or alterations assigned to him. It will be his duty to see that the boilers are properly fired and the fuel used in the most economical and efficient manner. He will see that the radiators, air-chambers, and flues are properly adjusted for heat and ventilation, and that the amount of steam generated is wisely adapted to the state of the weather. It will be his duty in summer to attend

to all needed alterations and repairs in steam-heating apparatus, preparatory to the demands of winter.

He must at all times be so thoroughly familiar with the location and condition of all hydrants, hose or water cocks provided for the extinguishing of fire that he may put them in operation instantly, if needed. He will also be expected to hold himself in readiness to attend to any special duty required by the superintendent.

#### FARMER.

The head farmer will have the immediate supervision of the farm laborers, the laying out of the work and the direction of the care and use of the stock and farming utensils; and all farm laborers will look to him for specific directions as to their duties.

It is his duty to see that all farm fences are kept in repair, and that everything on the farm and about the farm buildings is kept in perfect order, that the stock is well cared for, that every farmer performs his duty well, and that all material is properly and economically used. He will report to the clerk the time of service of each person in his department and to the superintendent any fault or failure in duty on the part of any under his charge.

## SUCCESSION OF OFFICERS.

### TRUSTEES.

Appointed.	Name.	Residence.
1838 or 1839.	George W. Haven,	Portsmouth.
	Samuel E. Coues,	Portsmouth.
	John Conant,	Jaffrey.
	Amos Twitchell,	Keene.
	John H. Steele,	Peterborough.
	Josiah Quiney,	Rumney.
	David Abbot,	Nashua.
	Joseph Low,	Concord.
	Isaac Hill,	Concord.
	Charles H. Atherton,	Amherst.
	Dixi Crosby,	Hanover.
	Charles H. Peaslee,	Concord.
1840. June 20.	Daniel Abbot,	Nashua.
June 20.	Amos Twitchell,	Keene.
June 20.	Ichabod Bartlett,	Portsmouth.
June 20.	John Conant,	Jaffrey.
June 20.	Joseph Low,	Concord.
June 20.	Charles H. Peaslee,	Concord.
June 20.	Ira St. Clair,	Deerfield.
June 20.	Charles A. Cheever,	Portsmouth.
June 20.	John P. Hale,	Dover.
June 20.	Charles J. Fox,	Nashville.
June 20.	Samuel Swazey,	Haverhill.
June 20.	John S. Wells,	Lancaster.
1841. June 15.	Enos Stevens,	Charlestown.
June 15.	George W. Kittredge,	Newmarket.
June 15.	Joseph Low, reappointed,	Concord.
1842. June 7.	Moses Norris, Jr., <i>vice</i> John S. Wells, resigned,	Pittsfield.
June 7.	John Conant,	Jaffrey.
June 7.	John H. Steele,	Peterborough.
June 7.	Samuel Swazey,	Haverhill.
1843. June 19.	Moses Norris, Jr.,	Pittsfield.
June 19.	Ira St. Clair, reappointed,	Deerfield.
June 19.	Charles J. Fox, reappointed,	Nashville.
1844. Nov. 20.	Samuel E. Coues,	Portsmouth.

Appointed.	Name.	Residence.
Nov. 20.	Franklin Pierce,	Concord.
Nov. 20.	Chas. H. Peaslee, reappointed,	Concord.
Nov. 20.	William Plumer, in place of J. H. Steele, resigned,	Londonderry.
1845. June 30.	Abiel Walker, <i>vice</i> Joseph Lowe,	Concord.
June 30.	A. McFarland, <i>vice</i> G. W. Kittredge,	Meredith.
June 30.	Timothy Hall, <i>vice</i> Enos Stevens,	Keene.
June 30.	Luke Woodbury, <i>vice</i> C. J. Fox,	Antrim.
June 30.	William Plumer, Jr., <i>vice</i> S. E. Coues,	Epping.
Dec. 23.	James Farrington, <i>vice</i> A. McFarland,	Rochester.
1846. July 10.	Nathaniel S. Berry,	Hebron.
July 10.	George B. Upham,	Claremont.
July 10.	William Plumer,	Londonderry.
1847. Aug. 9.	Joseph B. Walker, <i>vice</i> A. Walker,	Concord.
Aug. 9.	Israel Hunt, Jr.,	Nashua.
Aug. 9.	Warren Lovell,	Meredith.
Aug. 9.	Thomas Shannon,	Moultonborough.
1848. June 26.	William Plumer, reappointed,	Epping.
June 26.	Franklin Pierce,	Concord.
June 26.	R. Metcalf, <i>vice</i> G. B. Upham,	Newport.
June 26.	Chas. H. Peaslee, reappointed,	Concord.
1849. July 3.	Jos. B. Walker, reappointed,	Concord.
July 3.	Joseph H. Smith,	Dover.
July 3.	Amos A. Parker,	Fitzwilliam.
1850. July 5.	Ralph Metcalf, reappointed,	Epping.
July 5.	Isaac Ross, <i>vice</i> N. S. Berry,	Hanover.
July 5.	David Pillsbury, <i>vice</i> William Plumer,	Chester.
1851. July 4.	Charles Burroughs, <i>vice</i> T. Shannon,	Portsmouth.
July 4.	Israel Hunt, reappointed.	Nashua.
July 4.	Warren Lovell, reappointed,	Laconia.
1852. June 19.	Franklin Pierce, reappointed,	Concord.
June 19.	William Plumer, reappointed,	Epping.
June 19.	Chas. H. Peaslee, reappointed,	Concord.

	Appointed.	Name.	Residence.
1853.	July 1.	Jos. B. Walker, reappointed,	Concord.
	July 1.	Joseph H. Smith, reappointed,	Dover.
	July 1.	Amos A. Parker, reappointed,	Fitzwilliam.
1854.	July 15.	Ralph Metcalf, reappointed,	Newport.
	July 15.	Samuel Herbert,	Rumney.
	July 15.	Enoch D. Yeaton,	Wakefield.
	Sept. 29.	J. A. Richardson, <i>vice</i> William Plumer,	Durham.
1855.	July 10.	Rufus Clement,	Concord.
	July 10.	Alvah Smith, <i>vice</i> Ralph Metcalf,	Lempster.
	July 10.	Chas. Burroughs, reappointed,	Portsmouth.
1858.	Feb. 23.	Timothy Haynes, <i>vice</i> R. Clement,	Concord.
	July 11.	John Preston,	New Ipswich.
	July 11.	Chas. H. Peaslee, reappointed,	Concord.
1857.	June 30.	George B. Twitchell,	Keene.
	June 30.	Jos. B. Walker, reappointed,	Concord.
	June 30.	John H. White,	Lancaster.
1858.	June 26.	Jeremiah F. Hall,	Wolfeboro.
	June 26.	Ralph Metcalf, reappointed,	Newport.
	June 26.	Samuel Herbert, reappointed,	Rumney.
	Sept. 28.	Edw. Wyman, <i>vice</i> R. Metcalf,	Newport.
1859.	June 27.	Chas. Burroughs, reappointed,	Portsmouth.
	June 28.	Timothy Haynes, reappointed,	Concord.
1860.	June 27.	Woodbury Melcher,	Gilford.
	June 27.	J. A. Richardson, reappointed,	Durham.
	June 27.	Chas. H. Peaslee, reappointed,	Concord.
	June 27.	John Preston, reappointed,	New Ipswich.
1861.	July 2.	George B. Twitchell, reappointed,	Keene.
	July 2.	Jos. B. Walker, reappointed,	Concord.
	July 2.	John H. White, reappointed,	Lancaster.
1862.	July 2.	John Conant, reappointed,	Jaffrey.
	July 2.	Isaac Spalding,	Nashua.
	July 2.	Moses Clark,	Landaff.
1863.	June 29.	Charles W. Flanders,	Concord.
	June 29.	Chas. Burroughs, reappointed,	Portsmouth.
	June 29.	Woodbury Melcher, reappointed,	Laconia.
1864.	July 7.	Chas. H. Peaslee, reappointed,	Concord.
	July 7.	John Preston, reappointed,	New Ipswich.

Appointed.	Name.	Residence.
July 7.	William G. Perry,	Exeter.
1865. July 16.	George B. Twitchell, reappointed,	Keene.
July 16.	Jos. B. Walker, reappointed,	Concord.
July 16.	Denison R. Burnham,	Plymouth.
1866. June 22.	Charles A. Tufts,	Dover.
June 22.	John Conant, reappointed,	Jaffrey.
June 22.	Isaac Spalding, reappointed,	Nashua.
Oct. 23.	Isaac Adams, <i>vice</i> C. H. Peaslee,	Sandwich.
1867. June 19.	Chas. Burroughs, reappointed,	Portsmouth.
June 19.	Woodbury Melcher, reappointed,	Laconia.
June 19.	Ebenezer S. Towle,	Concord.
1868. April 13.	I. Goodwin, <i>vice</i> C. Burroughs,	Portsmouth.
July 1.	Isaac Adams, reappointed,	Sandwich.
July 1.	Waterman Smith,	Manchester.
July 1.	Wm. G. Perry, reappointed,	Exeter.
July 1.	Ebenezer S. Towle, reappointed,	Concord.
1869. July 1.	Jos. B. Walker, reappointed,	Concord.
July 1.	George B. Twitchell, reappointed,	Keene.
July 1.	Denison R. Burnham, reappointed,	Plymouth.
1870. Jan. 3.	John W. Sanborn, <i>vice</i> Isaac Adams,	Wakefield.
July 8.	Isaac Spalding, reappointed,	Nashua.
July 8.	Charles A. Tufts, reappointed,	Dover.
July 8.	Dexter Richards,	Newport.
Nov. 17.	Ellery A. Hibbard, <i>vice</i> W. Melcher,	Laconia.
1871. Aug. 9.	E. A. Hibbard, reappointed,	Laconia.
Aug. 9.	George W. Hayden,	Portsmouth.
Aug. 9.	Henry Colony,	Keene.
1872. July 16.	Waterman Smith, reappointed,	Manchester.
July 16.	Wm. G. Perry, reappointed,	Exeter.
July 16.	John W. Sanborn, reappointed,	Wakefield.
1873. Oct. 23.	Jos. B. Walker, reappointed,	Concord.



	Appointed.	Name.	Residence.
	Oct. 23.	George B. Twitchell, reappointed,	Keene.
	Oct. 23.	Josiah Minot,	Concord.
1874.	July 8.	Isaac Spalding, reappointed,	Nashua.
	July 8.	Charles A. Tufts, reappointed,	Dover.
	July 8.	Dexter Richards, reappointed,	Newport.
1875.	July 26.	E. A. Hibbard, reappointed,	Laconia.
	July 26.	Charles H. Bell,	Exeter.
	July 26.	Albert Smith,	Peterborough.
1876.	June 22.	David Gillis,	Nashua.
	July 20.	Wm. G. Perry, reappointed,	Exeter.
	July 20.	Waterman Smith, reappointed,	Manchester.
	July 20.	Joseph Burroughs,	Plymouth.
	Aug. 10.	John V. Barron, <i>vice</i> J. Minot,	Concord.
1877.	Oct. 17.	Jos. B. Walker, reappointed,	Concord.
	Oct. 17.	George B. Twitchell, reappointed,	Keene.
	Oct. 17.	John V. Barron, reappointed,	Concord.
1878.	May 2.	J. H. George, <i>vice</i> J. V. Barron,	Concord.
	May 2.	Carlton P. Frost <i>vice</i> A. Smith,	Hanover.
	July 8.	Dexter Richards, reappointed,	Newport.
	July 8.	Charles A. Tufts, reappointed,	Dover.
	July 8.	David Gillis, reappointed,	Nashua.
1879.	July 30.	Ellery A. Hibbard, reappointed,	Laconia.
	July 30.	Jeremiah F. Hall,	Portsmouth.
	Aug. 14.	Carlton P. Frost, reappointed,	Hanover.
1880.	July 20.	Wm. G. Perry, reappointed,	Exeter.
	July 30.	Waterman Smith, reappointed,	Manchester.
	July 20.	Jos. Burroughs, reappointed,	Plymouth.
1881.	Oct. 12.	Jos. B. Walker, reappointed,	Concord.
	Oct. 12.	George B. Twitchell, reappointed,	Keene.
	Oct. 12.	John H. George, reappointed,	Concord.
1882.	June 21.	Emery J. Randall,	Somersworth.
	June 21.	Frederick E. Potter,	Portsmouth.
	Sept. 22.	Dexter Richards, reappointed,	Newport.



Appointed.	Name.	Residence.
1883. April 26.	William H. H. Mason, <i>vice</i> J. Burroughs,	Moultonborough.
May 17.	E. Spalding, <i>vice</i> F. E. Potter,	Nashua.
Aug. 28.	E. A. Hibbard, reappointed,	Laconia.
Aug. 28.	Carlton P. Frost, reappointed,	Hanover.
Aug. 28.	Jeremiah F. Hall, reappointed,	Portsmouth.
1884. July 25.	Wm. G. Perry, reappointed,	Exeter.
July 25.	Waterman Smith, reappointed,	Manchester.
July 25.	William H. H. Mason, reappointed,	Moultonborough.
1885. Oct. 14.	Jos. B. Walker, reappointed,	Concord.
Oct. 14.	George B. Twitchell, reappointed,	Keene.
Oct. 14.	John H. George, reappointed,	Concord.
1886. Sept. 9.	Dexter Richards, reappointed,	Newport.
July 8.	Emery J. Randall, reappointed,	Somersworth.
July 8.	Edward Spalding, reappointed,	Nashua.
1887. Sept. 7.	Ellery A. Hibbard, reappointed,	Laconia.
Sept. 7.	Carlton P. Frost, reappointed,	Hanover.
Sept. 7.	Jeremiah F. Hall, reappointed,	Portsmouth.
1888. Mar. 6.	John E. Barry, <i>vice</i> John H. George, deceased,	Concord.
Mar. 6.	Franklin D. Ayer, <i>vice</i> J. F. Hall, deceased,	Concord.
July 24.	Wm. G. Perry, reappointed,	Exeter.
July 24.	Waterman Smith, reappointed,	Manchester.
July 24.	William H. H. Mason, reappointed,	Moultonborough.
1889. Oct. 14.	Jos. B. Walker, reappointed,	Concord.
Oct. 14.	George B. Twitchell, reappointed,	Keene.
Oct. 14.	John E. Barry, reappointed,	Concord.
1890. July 8.	Edward Spalding, reappointed,	Nashua.

	Appointed.	Name.	Residence.
	July 8.	Dexter Richards, reappointed,	Newport.
	July 8.	Morris Christie,	Antrim.
1891.	Sept. 14.	Ellery A. Hibbard, reappointed,	Laconia.
	Sept. 14.	Carlton P. Frost, reappointed,	Hanover.
	Sept. 14.	Franklin D. Ayer, reappointed,	Concord.
1892.	April 5.	Charles A. Tufts, <i>vice</i> W. H. H. Mason, deceased, reappointed,	Dover.
	July 28.	Wm. G. Perry, reappointed,	Exeter.
	Sept. 17.	John C. French, <i>vice</i> Waterman Smith, deceased,	Manchester.
1893.	Sept. 19.	Jos. B. Walker, reappointed,	Concord.
	Sept. 19.	John E. Barry, reappointed,	Concord.
	Sept. 19.	George B. Twitchell, reappointed,	Keene.
1894.	Aug. 1.	Morris Christie, reappointed,	Antrim.
	Aug. 1.	Dexter Richards, reappointed,	Newport.
	Aug. 1.	Edward Spalding, reappointed,	Nashua.
1895.	July 23.	William F. Thayer,	Concord.
	Oct. 22.	John A. Spalding,	Nashua.
	Oct. 22.	Ellery A. Hibbard, reappointed,	Laconia.
1896.	Aug. 11.	John C. French, reappointed,	Manchester.
	Aug. 11.	Wm. G. Perry, reappointed,	Exeter.
	Aug. 11.	E. O. Crossman,	Lisbon.
	Dec. 1.	James A. Edgerly,	Somersworth.
1897.	Sept. 3.	Jos. B. Walker, reappointed,	Concord.
	Sept. 3.	John E. Barry, reappointed,	Concord.
	Mar. 17.	Henry B. Quinby, <i>vice</i> Ellery A. Hibbard, deceased,	Lakeport.
	April 6.	George W. Pierce, <i>vice</i> George B. Twitchell, deceased,	Winchester.
	Oct. 7.	George W. Pierce, reappointed,	Winchester.
1898.	Mar. 15.	C. H. Boynton, <i>vice</i> E. O. Crossman,	Lisbon.
	Aug. 1.	Dexter Richards, reappointed,	Newport.
	Aug. 1.	Morris Christie, reappointed,	Antrim.

Appointed.	Name.	Residence.
Aug. 1.	W. F. Thayer, reappointed,	Concord.
1899. Feb. 21.	John McCrillis, <i>vice</i> Dexter Richards, deceased,	Newport.
Oct. 22.	Henry B. Quinby, reappointed,	Lakeport.
Oct. 22.	John A. Spalding, reappointed,	Nashua.
1900. Jan. 11.	George B. Chandler, <i>vice</i> John C. French, deceased,	Manchester.
July 1.	Jas. A. Edgerly, reappointed,	Somersworth.
Aug. 11.	George B. Chandler, reappointed,	Manchester.
Aug. 11.	Wm. G. Perry, reappointed,	Exeter.
Nov. 22.	John H. Mitchell, <i>vice</i> John E. Barry, deceased,	Concord.
1901. Sept. 3.	Jos. B. Walker, reappointed,	Concord.
Sept. 3.	John M. Mitchell, reappointed,	Concord.
Oct. 7.	George W. Pierce, reappointed,	Winchester.
1902. Aug. 1.	John McCrillis, reappointed,	Newport.
Aug. 1.	Wm. F. Thayer, reappointed,	Concord.
Aug. 1.	Morris Christie, reappointed,	Antrim.
1903. Oct. 22.	John A. Spalding, reappointed,	Nashua.
Oct. 22.	Henry B. Quinby, reappointed,	Lakeport.
Oct. 22.	Edgar O. Crossman, <i>vice</i> Chas. H. Boynton, deceased,	Lisbon.
1904. July 1.	Jas. A. Edgerly, reappointed,	Somersworth.
Aug. 11.	Wm. G. Perry, reappointed,	Exeter.
Aug. 11.	George Byron Chandler, reappointed,	Manchester.
1905. July 28.	William P. Straw, <i>vice</i> George Byron Chandler, deceased,	Manchester.
Sept. 3.	Jos. B. Walker, reappointed,	Concord.
Sept. 3.	John M. Mitchell, reappointed,	Concord.
Oct. 7.	Geo. W. Pierce, reappointed,	Winchester.
1906. Aug. 1.	Morris Christie, M. D., reappointed,	Antrim.

Appointed.		Name.	Residence.
	Aug. 1.	Wm. F. Thayer, reappointed,	Concord.
	Aug. 1.	John McCrillis, reappointed,	Newport.
1907.	Aug. 30.	George M. Kimball, <i>vice</i> Jos. B. Walker, resigned, ap- pointed,	Concord.
	Oct. 22.	John A. Spalding, reap- pointed,	Nashua.
	Oct. 22.	Henry B. Quinby, reap- pointed,	Laconia.
	Oct. 22.	Edgar O. Crossman, M. D., reappointed,	Lisbon.
1908.	Feb. 4.	Roger G. Sullivan, <i>vice</i> John M. Mitchell, resigned, ap- pointed,	Manchester.
	Aug. 11.	William Parker Straw, reap- pointed,	Manchester.
	Aug. 28.	Henry W. Anderson, <i>vice</i> William G. Perry, resigned, appointed,	Exeter.
	Aug. 28.	Benjamin W. Couch, <i>vice</i> Jas. A. Edgerly, deceased, appointed,	Concord.
1909.	Jan. 13.	Geo. H. Saltmarsh, M. D., <i>vice</i> Henry B. Quinby, re- signed, appointed,	Laconia.
	Sept. 3.	George M. Kimball, M. D., reappointed,	Concord.
	Sept. 3.	Roger Sullivan, reappointed,	Manchester.
	Oct. 7.	Geo. W. Pierce, M. D., re- appointed,	Winchester.
1910.	Aug. 1.	Wm. F. Thayer, reappointed,	Concord.
	Aug. 1.	John McCrillis, reappointed,	Newport.
	Aug. 1.	Fred S. Towle, M. D., <i>vice</i> Morris Christie, M. D., re- signed, appointed,	Portsmouth.
1911.	Sept. 29.	Arthur L. Wallace, M. D., <i>vice</i> John A. Spalding, re- signed, appointed,	Nashua.
	Sept. 29.	George H. Saltmarsh, M. D., reappointed,	Laconia.
	Sept. 29.	Edgar O. Crossman, M. D., reappointed,	Lisbon.

Appointed.	Name.	Residence.
1912. Aug. 11.	Wm. P. Straw, reappointed,	Manchester.
Aug. 28.	Henry W. Anderson, reappointed,	Exeter.
Aug. 28.	Benj. W. Couch, Esq., reappointed,	Concord.

## PRESIDENTS.

John H. Steele,	1839—1840
John Conant,	1840—1846
George B. Upham,	1847—1848
William Plumer,	1848—1855
Charles Burroughs,	1855—1868
Isaac Spalding,	1868—1875
George B. Twitchell,	1875—1897
Dexter Richards,	1897—1898
John A. Spalding,	1898—1911
E. O. Crossman,	1911—

## SECRETARIES.

Dixi Crosby,	1839—1841
Charles H. Peaslee,	1841—1848
Joseph B. Walker,	1848—1906
John M. Mitchell,	1906—1908
Benjamin W. Couch,	1908—

## TREASURERS.

James Thorn,	1839—1840
Joseph Low,	1840—1846
John Atwood,	1846—1847
Andrew McFarland,	1847—1852
John E. Tyler,	1852—1857
Jesse P. Bancroft,	1857—1890
Charles P. Bancroft,	1890—

## SUPERINTENDENTS.

George Chandler,	1842—1845
Andrew McFarland,	1845—1852
John E. Tyler,	1852—1857
Jesse P. Bancroft,	1857—1882
Charles P. Bancroft,	1882—



STATE OF NEW HAMPSHIRE

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FOURTH BIENNIAL REPORT

OF THE

Governor and Council

AND OF THE

STATE DEPARTMENT OF  
HIGHWAYS

RELATIVE TO

HIGHWAY IMPROVEMENT

---

CONCORD, N. H.

1912



PRINTED BY R. W. MUSGROVE, BRISTOL

BOUND BY THOMAS W. CRAGG, CONCORD

## Report of the Governor and Council

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### *To the Honorable Senate and House of Representatives:*

The Governor and Council have the honor to submit herewith to the Honorable Senate and the House of Representatives the following report and recommendations relative to the Highway Department of this state.

The legislature of 1909 authorized the construction of three Trunk Lines, from the Massachusetts line northward. By the terms of the law then passed the direct route was therefore laid out by the preceding Governor and Council. The total mileage of these Trunk Lines was 538.48 miles. There had previously been built 87.8 miles and 31.94 miles were in the, so called, compact portion of the cities and larger towns. The total mileage to be built was therefore 389.19 miles. We have the honor to report that 284.39 miles have been completed, leaving 104.8 miles yet to be built.

The original act authorized the expenditure of the proceeds of a million dollar bond issue in four annual installments. Bonds have been issued for the entire amount and it is estimated that it will be necessary, in order to complete the Trunk Lines, to expend upon the part of the State \$250,000 more. We recommend the completion of the Trunk Lines as now laid out.

The evolution of road building and the adjustment of the different types of road to changing traffic and conditions in a state like New Hampshire, which has a large road mileage and a comparatively small assessed valuation, makes the selection and construction of the proper type of roadway a serious question. We feel that New Hampshire has made substantial progress in this direction.

We would call attention, however, to the comparatively new traffic to which our highways are being subjected.

The use of excessively heavy motor trucks upon highways, which were not built for weights such as are now transported, makes such vehicles a menace to existing roads, bridges and culverts. We feel that such traffic has not only come to stay but is a necessary economic adjunct to transportation.

It will doubtless be necessary in the near future to reconstruct certain highways where such traffic is an economic necessity, so as to provide for it, and we would suggest and recommend that this traffic be allowed upon certain highways where its necessity becomes apparent and that such roads be designated as suitable for this traffic and that it be not permitted upon roads not constructed or reconstructed expressly for its use.

In the winter of 1911 we authorized and opened a Road Congress at Concord, to which were invited all the town officials who had anything to do with road building. The results of this meeting are apparent in the increased interest given to the road problem by the town officials. It was interesting and instructive and allowed an exchange of opinion that we believe will have far reaching results.

We recommend an increase of the power of the State Department of Highways, as to regulation of traffic and any disturbance of the road bed on both Trunk Line and State Aid roads.

When the State has expended its money in the construction of a highway its officers should have authority to see that nothing be done which will in anyway impair its usefulness. Permits from the State Department should be required for digging into or disturbing the surface of such highways. The State Department should also be given the authority to plant, care for and preserve the shade trees within the limits of the highways. This can best be done in co-operation with the Forestry Department.

During our term of office the first systematic maintenance of highways has been begun. It is now an axiom that the most important part of road building is maintenance and under the action of the motor vehicle law funds

have been provided for such maintenance, which have been expended so as to insure constant and thorough supervision of highways constructed under State aid.

The patrol system has been adopted upon the Trunk Lines and the results have been most gratifying.

The numberless details of the Department cannot be properly attended to by the Governor and Council and we recommend the passage of legislation creating a permanent administrative head to the Highway Department. We believe that the expenditure of the large sums of money required by this Department demand undivided responsibility and that this should be taken from the Governor and Council.

ROBERT P. BASS, *Governor*,  
THOMAS ENTWISTLE,  
HARRY T. LORD,  
BENJAMIN F. GREER,  
JOHN M. GILE,  
GEORGE H. TURNER,  
*Councilors.*

Concord, N. H., Dec. 31, 1912.

## Report of State Superintendent of Highways

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*To His Excellency the Governor and the Honorable Council:*

I have the honor to submit the fourth biennial report of the State Highway Department. The financial report covers the fiscal years from August 31, 1910, to August 31, 1912.

### TRUNK LINES

Under the act of the legislature, approved April 10, 1909, for the construction of three Trunk Lines running northerly through the state from the Massachusetts boundary, the State Treasurer was authorized to issue bonds to the extent of \$1,000,000 for the purpose of building, in conjunction with the towns, such Trunk Lines. Provision was made under Section 19 that only one-quarter of these bonds should be issued in any fiscal year and under the provision of the act the last quarterly installment has been issued by the Treasurer, the money becoming available on September 1, 1912.

On the route that was finally selected by the Governor and Council there were 476.89 miles of road to be constructed jointly by the town and State, 87 miles had been constructed under the regular State Aid appropriation, however, leaving 389.19 miles to be built under the Bond Issue.

A condition precedent to building any portion of a Trunk Line within a town was the application of the town for State Aid and with one exception every town upon a Trunk Line has built a portion of this line within the last four years, the exception being the town of Croydon.

There has been built a total mileage of 371.92 miles upon the Trunk Lines, leaving unconstructed 104.97 miles. The mileage constructed and unconstructed on each of these Trunk Lines by towns, the amounts appropriated for each town and the amounts contributed by them are shown in tables annexed hereto.

Many of the roads selected as portions of the Trunk Line in the towns are not the local main roads of the town and it would seem necessary, if the benefit of connected roads is to be felt, that some provision be made for the further continuance of the bond issue, so that the roads may be completed.

In towns which do not apply for State Aid the question should have the consideration of the legislature, as to what means shall be used to build the portions of the Trunk Line when not requested by the towns. Inasmuch as the state has contributed on an average of nearly 70 per cent of the total cost of the Trunk Line roads for the purpose of procuring continuous highways, some method should be devised by which the purpose for which this large sum was appropriated, should be attained.

As the system of north and south roads nears completion there is a very urgent demand that these roads be connected by an extension of the Trunk Line system which shall accomplish for travel east and west across the state what the present Trunk Lines are doing for north and south traffic and if the state adheres to its previous idea of establishing through or continuous highways, it will be necessary to make provision for at least three cross country roads connecting all three of the existing Trunk Lines.

#### STATE AID

Of the 180 towns not on the Trunk Line 122 applied for State Aid under the provision of Section 4 of the Highway Law in 1911 and 135 in 1912. The total mileage built in 1911 on this class of roads being 51.23 and in 1912, 53. This work has been done almost entirely by the local



authorities and has resulted in great improvement upon the main highways selected for such improvement. While in general this work has been done as a continuous improvement connecting with the work of previous years, yet where the condition of other main highways has been notoriously bad the attempt has been made to meet the needs of the local people.

### STATE ROADS

A most unsatisfactory condition exists in relation to the care and maintenance of State Roads. These roads have been adopted by preceding legislatures without suitable funds being appropriated for their construction and in many instances the change from local highways has been in name only. They are, in most instances mountain roads which require more care and attention than the majority of the roads and many of them are in sections getting an immense amount of tourist travel. These roads, if properly built, with due attention to drainage, and culverts and bridges properly constructed, could be maintained for comparatively small sums but inasmuch as most of them have never been built the attempt to maintain them in condition for travel is a difficult one and the money expended is largely wasted, that is, no portion of money can be devoted to a permanent improvement.

It would seem unwise that in the future any road be taken over in this system unless a proper appropriation be made for its construction.

Data in the department shows that upon these roads not less than \$40,000 is needed for the construction of culverts and bridges alone, and this sum does not provide for the widening of the present highway. Travellers from out of the state use these roads, in great and increasing numbers and if the tourist business is to increase in the future as in the past few years it will be vitally important that these roads be built under special appropriations.



## FINANCES

Under Section 10 of the Highway Law the sum of \$125,000 annually is appropriated *to provide for all highway improvements*, other than on Trunk Line roads. This appropriation is made to cover:

First—Sinking fund for the bonds issued under Section 19.

Second—The interest on these bonds.

Third—Payment of State Aid to towns not on Trunk Lines.

Fourth—The expenses of the State Department of Highways.

Fifth—The maintenance of State Roads.

There must therefore from this appropriation be set aside the sum of \$50,000 for a sinking fund and the interest fund for the current year will approximate \$34,000. After payment of sinking fund and interest there will remain for State Aid, Maintenance of State Roads and expenses of the Highway Department only \$40,000.

Under Section 5 of the Law it is mandatory that the Governor and Council apportion to each town which has raised, appropriated and set apart an amount entitling it to State Aid, certain fixed sums for each dollar so raised by the town, and in 1912 the amount raised and appropriated by the towns required an expenditure of \$53,298.04. It is manifestly impossible that the Governor and Council set apart a sum in excess of the appropriation remaining available, inasmuch as by an opinion of the Attorney-General the provision requires the setting aside of the sinking fund and interest on the bonds first. The amount of the annual appropriation will therefore have to be increased or the provision for the payment of sinking fund and interest from this appropriation will have to be eliminated from it.

It would seem that it were wiser to eliminate the sinking fund provision from this appropriation and provide directly for the levying of a tax sufficient to provide for this fund.

Attention may also be called to the fact that through the main portion of the State a largely increased assessment roll will require a much larger sum for State Aid in the future than in the past and while the sum of \$125,000 is amply sufficient for the payment of State Aid and all other legitimate highway expenses it is entirely inadequate to pay these and to also provide for the interest and sinking fund requirements.

It is important that the law be amended at an early date in order that the towns may know before town meeting whether there will be sufficient sums in the state to continue the payments for State Aid.

### MAINTENANCE

The funds derived from the Motor Vehicle law, in conjunction with the amount contributed by the towns, would seem to be ample for sufficient maintenance upon all the highways of the state.

With constantly increasing motor vehicle traffic the expense for maintaining the Trunk Lines is far in excess per mile of that of maintaining the ordinary State Aid Roads and the result of the years expenditures would show that a ratio of not more than 65 per cent. for Trunk Line Roads, the balance being available for both State Aid and State Roads would be more satisfactory than the existing ratio.

Upon the Trunk Line roads a system of patrol was established whereby on a given section of road a man gave his entire time and attention to the maintenance and the results show most favorably.

It would seem that a gravel road, where the road was not subjected to excessive trucking and the carrying of excessive weight, may be maintained by the patrol system at a far less cost than a macadam road and in an equally satisfactory condition. The cost of resurfacing such roads where material is within convenient distance is less than the cost of applying bituminous substance upon a macadam

road and such surfacing need be done at periods of only once in three years instead of annually.

It seems imperative that the macadam roads in order to sustain the volume of traffic should be treated with bitumen in some form, though there are notable instances where the patrolman by constant sanding has been able to keep the road in good condition during the entire summer. The wear of the traffic where a road is sanded comes directly upon the stone, however, as a sufficient cushion of sand cannot be kept upon the road to absolutely take the wear and the result will be that the road itself will have to be more frequently resurfaced at a considerable cost. The use of bitumen furnishes a cushion or cover to the road and very little wear comes upon the actual stone. It seems to be necessary that maintenance in the future upon macadam roads on which the motor vehicle traffic is more than 40 per cent, must be so treated.

The cost of a gravel road not being over 35 per cent of the cost of a bituminous macadam construction it seems that in this state it is wiser to build of a local material and have three times the mileage. This can be kept by the patrol system in excellent condition, is more economical and a greater mileage can be built and maintained for the same amount of money than if constructed of a more permanent character.

It is difficult to impress upon the local road officials the absolute necessity of proper maintenance, and while almost all the towns which have improved their roads under the State Aid system, raised without objection the amount of money deemed necessary for proper maintenance, it has been impossible in many instances to get these same officials to expend the money for maintenance.

With the small amounts available it is impossible for the Department to directly take up the maintenance of these short pieces of State Aid road without entailing an excessive amount of inspection and engineering charges.

The system adopted this year has helped most of the

officials to appreciate the necessity for such maintenance and it is hoped in the future that the sums set aside as State Aid Maintenance money will be generally expended.

The Tables showing total expenditures of the maintenance money upon both Trunk Line and State Aid roads is shown on pages 17 and 18.

The financial statement submitted ends with the close of the state's fiscal year, August 31. Inasmuch as a considerable portion of the highway construction is reported after that date, such report is unsatisfactory and deceptive and I therefore append on pages 15 and 16 a further report carrying out the expenditures to January first, 1913, this more correctly indicating the balances in the various funds available for future construction and maintenance.

Respectfully submitted,

S. PERCY HOOKER,

*State Superintendent of Highways,*

Concord, N. H., December 31, 1912.

## STATE RECEIPTS AND EXPENDITURES

Unexpended balance Aug. 31, 1910.....	\$95,914 73	
Appropriation Sept. 1, 1910.....	125,000 00	
Bonds, Sept. 1, 1910 .....	250,000 00	
Automobile revenue to May 1, 1911.....	26,306 98	
Appropriation Sept., 1911.....	125,000 00	
Bonds, Sept. 1, 1911.....	250,000 00	
Received from Maine Central R. R.....	1,664 56	
Received of H. C. Hill, interest on deposit.....	580 96	
for mileage.....	12 47	
	<hr/>	\$874,479 70

### EXPENDITURES, HIGHWAY DEPARTMENT

Appropriation account.....	\$171,364 36	
Maintenance May 1, 1911.....	714 65	
Bond account.....	478,107 28	
	<hr/>	\$650,186 29

### EXPENDITURES, TREASURY DEPARTMENT

Engraving bonds.....	\$218 75	
Telephone tolls.....	215 67	
Cash coupons on bonds.....	24,893 50	
Reserve fund.....	115,000 00	
Salaries.....	5,051 72	
Printing Commission, stationery.....	7 26	
Mileage.....	30 00	
	<hr/>	\$145,416 90
Total expenditure to Aug. 31, 1912.....	<hr/>	\$795,603 19
Unexpended balance Aug. 31, 1912.....		\$78,876 51

## STATE RECEIPTS AND EXPENDITURES

## MAINTENANCE

Automobile revenue, May 1, 1911, to Aug. 31, 1912.....	\$140,148 02
Trunk Line Appro. \$91,096 23	State Aid Appro. \$49,051 79
Expended..... 52,639 41	Expended..... 5,212 61
Balances \$38,456 82	\$43,839 18
Total expenditures for maintenance to Aug. 31, 1912.....	\$57,852 00
Unexpended balance Aug. 31, 1912.....	\$82,296 00

## DISTRIBUTION OF STATE EXPENDITURES

Administration :	
Salaries .....	\$13,523 97
Traveling expenses.....	3,280 53
Council expenses.....	1,375 54
Miscellaneous.....	4,227 14
State Roads :	
Maintenance .....	15,524 83
Construction .....	13,802 22
State Aid.....	595,455 23
Legislative apportionments.....	2,282 16
Maintenance, Aug. 31, 1910, to May 1, 1911.....	714 65
Total expenditures by Highway Department.....	\$650,186 29

SUPPLEMENTAL FINANCIAL STATEMENT TO DEC. 15, 1912

The financial statement is for the Annual Report to the end of the fiscal year, Sept. 1, 1912.

Since that time there has become available in the Bond account \$250,000.00 and in the Appropriation account \$125,000.

BOND ACCOUNT

Sept. 1, balance.....	\$21,892 72	
“    bond .....	<u>250,000 00</u>	
		\$271,892 72
Expenditures, Bond Account :		
Sept.....	\$50,557 68	
Oct.....	46,591 73	
Nov.....	25,647 94	
To Dec. 15.....	27,833 49	
Returned to Appro. account	<u>25,947 65</u>	\$176,588 49
		<u>\$95,304 23</u>

Due to towns..	\$66,342 60
Free money....	<u>28,961 63</u>
	\$95,304 23



## APPROPRIATION ACCOUNT

Sept, 1, balance.....	\$56,983 79	
Appropriation.....	125,000 00	
Returned from bond...	25,947 65	
	<u>          </u>	\$207,931 44

## Expenditures :

Sept.....	\$9,472 48	
Oct.....	17,932 56	
Nov.....	13,201 00	
To Dec. 15 .....	5,632 92	
	<u>          </u>	\$46,239 89
		\$161,691 55

Due to towns.....	\$32,987 96
Estimated amount for pay- ment of sinking fund and interest on bonds.....	\$80,000 00
Free money.....	*47,703 59
	<u>          </u>
	\$161,691 55

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\*This balance should be charged with the amount to be paid to towns under State Aid law approximating \$60,000, which would show an over-draft of \$13,000 without any provision having been made for the care of State roads or the expense of the Highway department.

# FINANCIAL STATEMENT. MAINTENANCE

## JANUARY 1, 1913

### TRUNK LINE

1912:

Feb. 15.....	Balance.....	\$8,417 70
Mar. 1.....	Fees, February.....	2,249 01
Apr. 12.....	“ March.....	5,745 51
May 15.....	“ April.....	19,377 22
June 14.....	“ May.....	14,248 39
“ 31.....	“ June.....	8,107 53
Aug. 6.....	“ July.....	7,637 12
Sept. 25.....	“ August.....	5,459 95
Oct. 19.....	“ September.....	1,214 13
Nov. 17.....	“ October.....	1,043 77
Dec. 23.....	“ November.....	215 61
		<hr/>
		\$73,715 94

Total apportioned.....	\$60,195 75
“ unapportioned.....	13,520 19
<hr/>	
\$73,715 94	

Balance unapportioned.....	\$13,520 19
“ due towns.....	3,399 21
“ “ state roads.....	1,133 70
“ “ Adm. and Gen. Exp.....	255 45
<hr/>	
Balance in treasury Jan. 1.....	\$13,303 55
Total State expenditures.....	55,407 39
<hr/>	
\$73,713 94	

## STATE AID

1912:

Feb. 15.....	Balance.....	\$15,061 18
Mar. 1.....	Fees, February.....	1,211 01
Apr. 12.....	" March.....	3,093 74
May 13.....	" April.....	10,433 88
June 14.....	" May.....	7,672 21
July 31.....	" June.....	4,365 60
Aug. 6.....	" July.....	4,112 29
Sept. 25.....	" August.....	2,939 97
Oct. 19.....	" September.....	653 76
Nov. 11.....	" October.....	562 03
Dec. 23.....	" November.....	116 10
		<hr/>
		\$50,221 77

Total apportioned ..... \$15,589 38

" unapportioned..... 34,632 39

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\$50,221 77

Balance unapportioned..... \$34,632 39

" due towns..... 3,803 77

" " Adm. and Gen. Exp..... 634 50

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Balance in treasury Jan. 1..... \$39,070 66

Total State expenditures..... 11,151 11

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\$50,221 77

## MAINTENANCE. TOWN APPROPRIATIONS 1912

### TRUNK LINE TOWNS

Appropriated by town. ....	\$25,562 26
Expended by town.. ....	23,047 09
	<hr/>
Balance in town treasury.....	\$2,515 17
Total State expenditures.....	\$55,407 39
Total town expenditures.....	23,047 09
	<hr/>
	\$78,454 48

Total mileage, 343.4.

Average cost per mile, \$228.45.

### STATE AID TOWNS

Appropriated by town.....	\$20,532 71
Expended by town.....	13,213 01
	<hr/>
Balance in town treasury.....	\$7,319 63
Total state expenditures.....	\$11,151 18
Total town expenditures.....	13,213 08
	<hr/>
	\$24,364 19

Total mileage, 306.5.

Average cost per mile, \$79.50.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Aacworth*									
Albany	\$6,009.41	\$586.25	\$6,595.66	\$256.20	\$427.50	\$683.70	\$277.20	\$462.00	\$739.20
Alexandria	436.51	363.00	799.51	1,053.12	211.62	1,264.74	2,500.00	500.00	3,000.00
Allenstown	929.44	1,071.00	2,000.44	450.00	960.00	810.00			
Alstead	323.76	874.34	1,198.10	432.00	1,080.00	1,512.00	447.60	1,119.00	1,566.60
Alton*	464.05	1,209.00	1,673.05	344.40	861.00	1,205.40	349.20	873.00	1,222.20
Anherst		73.87	73.87	500.20	1,273.50	1,782.70	516.00	1,290.00	1,806.00
Andover									
Antrim		8.78	8.78				336.40	841.50	1,177.90
Ashland									
Atkinson	796.80	1,329.00	2,125.80		448.50	717.30	444.40	1,111.50	1,555.90
Auburn	167.13	278.55	445.68	208.80			277.20	462.00	739.20
Barnstead	49.36	85.17	134.53	328.20	517.50	845.70	336.60	561.00	897.60
Barrington				302.80	757.50	1,060.30	325.00	814.50	1,140.10
				308.40	771.00	1,079.40	316.00	790.50	1,106.50

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Aeworth*	\$1,422.90	\$731.45	\$27.82	\$703.23	\$739.20	\$277.20	\$462.00
Albany	10,865.40	7,889.14	184.27	7,704.87	2,976.26	2,476.26	500.00
Alexandria	1,699.51	1,526.66	35.04	1,491.62	82.85	46.03	36.82
Allenstown	5,079.04	2,767.38	70.61	2,696.77	2,311.66	660.47	1,651.19
Alstead	3,625.70	2,443.93	168.96	2,274.97	1,181.77	308.77	873.00
Alton*	5,261.75	3,899.74	120.45	3,740.29	1,799.30	509.30	1,290.00
Amherst	73.87				73.87		73.87
Andover	1,177.90	505.86	31.02	474.94	671.94	305.38	366.56
Antrim	8.78				8.78		8.78
Ashland	1,555.90	570.95	15.63	555.32	984.95	428.77	556.18
Atkinson	3,582.30	2,235.35	40.50	2,194.85	1,346.95	510.00	836.95
Auburn	2,218.98	69.42	69.42		2,149.56	762.51	1,387.05
Barnstead	2,334.93	1,194.83	62.65	1,132.18	1,140.10	325.60	814.50
Barrington	2,185.90	1,224.95	79.90	1,145.05	960.95	295.75	665.20

\*Overdraft paid by town.

## STATE SUPERINTENDENT'S REPORT

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910.			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Bartlett.....	\$21.04	.....	\$21.04	\$441.60	\$736.50	\$1,178.10	\$302.80	\$757.50	\$1,060.30
Bath.....	3,812.88	\$257.90	4,070.78	2,976.00	744.00	3,720.00	4,000.00	1,000.00	5,000.00
Bedford.....	55.07	.....	55.07	5,765.40	1,400.00	7,165.40	414.40	1,036.50	1,450.90
Belmont.....	246.25	410.41	656.66	.....	.....	.....	351.60	879.00	1,230.60
Bennington.....	255.78	209.02	464.80	288.80	448.50	717.30	283.40	439.50	702.90
Benton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Berlin*.....	961.23	857.83	1,819.06	750.00	750.00	1,500.00	.....	.....	.....
Bethlehem.....	375.25	187.63	562.88	6,910.00	3,455.00	10,365.00	4,865.00	2,432.50	7,297.50
Boscawen.....	8,013.82	3,066.50	11,080.32	.....	.....	.....	.....	.....	.....
Bow.....	683.13	1,712.06	2,395.19	394.80	987.00	1,381.80	526.50	2,106.00	2,632.50
Bradford.....	.....	.....	.....	388.80	648.00	1,036.80	389.40	649.50	1,038.90
Brentwood.....	252.59	442.64	695.23	.....	.....	.....	270.00	450.00	720.00
Bridgewater.....	253.00	298.36	551.36	273.75	219.00	492.75	282.50	228.50	500.00
Bristol*.....	484.84	814.20	1,299.04	514.00	1,285.50	1,799.50	517.60	1,284.50	1,812.10

\*Overdraft paid by town.



## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Material	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Bartlett.....	\$2,259.44	\$1,735.76	\$14.17	\$1,724.59	\$520.08	\$520.08	.....
Bath.....	12,790.78	7,698.91	125.30	7,573.61	5,091.87	4,553.32	\$598.55
Bedford.....	8,071.37	7,245.03	350.86	6,894.77	1,425.74	389.24	1,036.50
Belmont.....	1,887.26	320.35	26.40	302.95	1,557.91	571.45	986.46
Bennington.....	1,885.00	1,185.72	67.97	1,117.75	699.28	246.64	452.64
Benton.....	.....	.....	.....	.....	.....	.....	.....
Berlin*.....	3,319.06	3,474.93	23.40	3,451.53	.....	.....	.....
Bethlehem.....	13,225.38	7,891.89	215.55	7,676.34	10,333.49	6,889.00	3,444.49
Boscawen.....	11,080.32	11,080.32	75.58	11,004.74	.....	.....	.....
Bow.....	6,409.49	3,503.05	100.33	3,402.72	2,906.44	577.04	2,329.40
Bradford.....	2,075.70	2,061.73	46.52	2,015.21	13.97	5.22	8.75
Brentwood.....	1,415.23	695.23	10.04	684.29	720.00	270.00	450.00
Bridgewater.....	1,523.11	1,070.18	40.26	1,029.92	452.93	313.27	139.08
Bristol*.....	4,910.64	3,113.87	110.50	3,003.37	1,930.11	538.79	1,393.32

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Brookfield.....									
Brookline.....	\$296.92	\$376.93	\$673.85		\$576.00	\$921.60	\$351.00	\$585.00	\$936.00
Campton.....	8,301.86	2,762.95	11,063.91	8,000.00	2,000.00	10,000.00	2,934.00	733.50	3,667.50
Canaan*.....	369.42	998.35	1,367.77	400.20	1,023.00	1,423.20			
Candia.....	363.83	606.39	970.22	288.60	481.50	770.10	295.80	493.50	789.30
Canterbury.....									
Carroll*.....	4,792.18	1,012.99	5,805.17	2,861.92	2,861.92	5,723.84	2,953.96	1,000.00	3,953.96
Center Harbor*.....	1,289.51	608.82	1,898.33	99.60		99.60	4,500.00	1,500.00	6,000.00
Charlestown*.....	362.64	1,577.83	1,940.47	376.00	1,504.50	1,880.50	385.00	1,540.50	1,925.50
Chatham.....	271.92	79.48	351.40	273.75	219.00	492.75	286.25	229.50	515.75
Chester.....	829.50	1,395.00	2,224.50	398.40	664.50	1,062.90	390.60	651.00	1,041.60
Chesterfield.....	448.95	1,124.70	1,583.65	473.20	1,183.50	1,656.70	487.60	1,219.50	1,707.10
Chichester*.....	240.45	445.50	685.95	274.20	457.50	731.70	255.00	426.00	681.60
Claremont.....	966.63	5,446.53	6,413.16	638.40	3,492.00	4,130.40	723.80	3,619.50	4,343.30

\*Overdraft paid by town

## TOWNS APPLYING

	Total Fund	Expense Aug. 3, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Brookfield.....							
Brookline.....	\$2,541.45	\$1,568.92	\$49.08	\$1,518.94	\$962.53	\$249.02	\$613.51
Campton.....	24,731.41	20,497.69	1,635.92	18,871.77	4,233.72	3,632.09	601.63
Canaan*.....	2,799.97	2,967.53	34.72	2,932.86			
Candia.....	2,539.62	60.13	10.3		2,469.49	888.10	1,581.39
Canterbury.....							
Carroll*.....	15,482.97	13,368.77	189.69	13,079.08	2,223.25	1,903.57	253.68
Center Harbor*.....	7,998.93	2,348.36	100.31	2,238.05	5,704.84	4,427.77	1,277.05
Charlestown*.....	5,776.47	4,071.14	188.80	3,932.34	1,925.59	385.00	1,540.50
Chatham.....	1,359.90	842.90	2.25	840.65	517.00	287.50	229.50
Chester.....	4,320.00	3,775.05	107.40	3,167.65	1,053.65	385.23	658.72
Chesterfield.....	4,947.45	4,824.11	194.24	4,629.87	123.34	35.24	88.10
Chichester*.....	2,009.25	1,305.04	132.25	1,611.79	652.05	226.05	426.00
Claremont.....	14,446.86	10,263.69	77.63	10,186.06	4,083.17	775.32	3,907.85

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Clarksville*	\$330.87	\$206.18	\$527.05	.....	.....	.....	\$250.80	\$418.50	\$669.30
Colebrook	2,983.99	1,702.92	4,686.91	\$3,000.00	\$1,500.00	\$4,500.00	.....	.....	.....
Columbia*	676.87	.....	676.87	969.00	484.50	1,453.50	1,017.00	508.50	1,525.50
Concord	1,000.00	.....	1,000.00	.....	.....	.....	.....	.....	.....
Conway	737.19	737.18	1,474.37	.....	.....	.....	.....	.....	.....
Cornish	357.14	945.00	1,302.14	387.00	969.00	1,356.00	.....	.....	.....
Croydon	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dalton*	316.25	253.50	569.75	307.50	246.00	553.50	320.00	256.50	576.50
Danbury	451.25	381.50	812.75	.....	.....	.....	.....	.....	.....
Danville	372.50	298.50	671.00	372.50	298.50	671.00	372.50	298.50	671.00
Deerfield	744.85	1,157.26	1,902.11	403.20	672.00	1,075.20	396.60	661.50	1,058.10
Deering	.....	.04	.04	.....	.....	.....	.....	.....	.....
Derry	745.28	2,981.00	3,726.88	.....	.....	.....	606.50	2,426.62	3,033.12
Dorchester*	241.25	193.50	434.75	245.00	196.50	441.50	252.50	202.50	455.00

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 ..... to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Clarksville*	\$1,196.35	\$1,347.04	\$29.67	\$1,317.37	.....	.....	.....
Colebrook.....	9,186.91	8,379.52	36.76	8,842.76	\$307.39	\$93.22	\$214.17
Columbia*	3,655.37	2,047.52	37.24	3,010.28	608.97	506.56	102.41
Concord.....	1,000.00	998.88	.....	998.88	1.12	1.12	.....
Conway.....	1,474.37	1,460.42	9.82	1,450.60	13.95	6.98	6.97
Cornish.....	2,658.74	2,658.74	66.59	2,592.15	.....	.....	.....
Croydon.....	.....	.....	.....	.....	.....	.....	.....
Dalton*.....	1,899.75	1,144.51	37.94	1,107.17	565.27	308.77	286.50
Danbury.....	812.75	193.80	7.40	186.40	618.95	343.86	275.09
Danville.....	2,013.00	1,328.22	76.78	1,251.44	684.78	374.15	310.63
Deerfield.....	4,035.41	3,285.07	129.00	3,156.07	750.34	402.05	348.29
Deering.....	.04	.....	.....	.....	.04	.....	.04
Derry.....	6,760.00	.....	.....	.....	6,760.00	1,951.78	5,408.22
Dorchester*.....	1,331.25	845.11	6.04	839.07	488.65	271.19	217.46

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Dover*	\$3,066.31	\$4,379.51	\$7,445.82	\$3,000.00	\$3,000.00	\$6,000.00	.....	.....	.....
Dublin.....	519.61	77.41	597.02	585.00	1,464.00	2,049.00	\$590.40	\$1,476.00	\$2,066.40
Dummer*.....	2,036.39	12.63	2,049.02	1,642.50	328.50	1,971.00	4,000.00	800.00	4,800.00
Dunbarton.....	283.58	489.00	772.58	283.20	472.50	755.70	284.40	474.00	758.40
Durham.....	.....	.....	.....	367.00	9,950	1,287.10	.....	.....	.....
East Kingston*.....	429.98	358.50	788.48	.....	.....	.....	406.25	373.50	839.75
Easton*.....	499.39	147.91	647.30	281.25	325.00	506.25	281.25	225.00	506.25
Eaton*.....	342.50	276.24	618.74	335.00	278.50	603.50	316.25	253.50	569.75
Effingham*.....	275.90	484.70	760.60	.....	.....	.....	296.80	493.50	789.30
Elsworth.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield.....	7,024.52	2,203.50	9,228.02	6,375.46	1,095.91	7,671.37	448.00	1,120.50	1,568.50
Epping.....	445.64	1,131.00	1,576.64	452.80	1,132.50	1,585.30	.....	.....	.....
Epsom*.....	621.05	362.09	983.14	327.00	546.00	873.00	319.20	532.50	851.70
Errol*.....	2,573.64	.....	2,573.64	5,397.46	1,799.16	7,196.63	7,500.00	2,500.00	10,000.00

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Dover*	\$13,445.82	\$13,471.02	\$190.30	\$13,272.32			
Dublin	4,713.02	3,050.72	186.28	2,864.44	\$1,662.39	\$623.62	\$1,038.65
Dummer*	8,820.32	6,923.04	68.86	6,859.18	1,964.34	1,964.34	
Dunbarton	2,286.68	1,523.12	21.31	1,506.81	758.56	284.40	474.16
Durham	1,287.10	1,202.62	66.40	1,136.22	83.95	23.99	59.96
East Kingston*	1,623.23	794.22	15.43	773.79	839.75	466.25	373.50
Easton*	1,659.80	1,429.72	19.37	1,410.15	403.79	278.76	125.03
Eaton*	1,791.99	1,247.46	59.79	1,187.67	552.73	240.23	253.50
Effingham*	1,549.90	781.16	24.70	756.46	789.30	295.80	493.50
Elsworth							
Enfield	18,467.89	12,050.02	363.13	11,086.89	6,417.87	4,735.12	1,682.75
Epping	3,161.94	2,880.11	156.74	2,723.37	272.83	225.05	47.78
Epson*	2,708.44	1,947.08	90.05	1,851.03	851.70	319.20	552.50
Errol	19,770.27	20,676.42	409.72	20,266.70			

\*Overdraft paid by town



## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Exeter.....									
Farmington*.....	\$404.99	\$1,737.00	\$2,141.99				\$408.00	\$1,032.00	\$2,040.00
Fitzwilliam*.....	836.77	202.12	598.89	\$985.60	\$904.50	\$1,350.10	379.60	949.50	1,329.10
Frances-town.....									
Franconia.....									
Franklin.....	2,147.20	2,304.00	4,451.20	1,954.76	1,054.77	3,009.53	488.20	2,441.25	2,929.45
Freedom.....	7.95	13.25	21.20	226.80	378.00	604.80	229.20	382.50	611.70
Fremont*.....	202.80	438.00	700.80	259.80	432.50	693.30	259.80	433.50	693.30
Gilford.....									
Gilmanton*.....	412.80	688.50	1,101.30	424.80	708.00	1,132.80	423.00	705.00	1,128.00
Gilsam*.....	1,520.30	278.11	1,798.41	2,160.00	360.00	2,520.00	2,400.00	400.00	2,800.00
Goffstown.....	500.27	2,020.50	2,520.77	510.00	2,040.00	2,550.00	510.75	2,049.00	2,559.75
Gorham.....	5,372.21	2,552.82	7,925.03	4,500.00	1,500.00	6,000.00	9,510.00	3,170.00	12,680.00
Goshen.....	3,945.94	671.39	4,617.33	870.00	217.50	1,087.50	1,000.00	250.00	1,250.00

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Exeter .....							
Farmington*.....	\$4,181.99	\$3,100.59	\$32.60	\$3,067.99	\$2,016.67	\$384.67	\$1,432.50
Fitzwilliam*.....	3,278.09	2,558.25	78.70	2,479.55	1,105.29	351.29	814.00
Frances town.....							
Franconia.....							
Franklin .....	11,290.18	8,360.73	85.43	8,275.30	2,929.45	488.20	2,441.25
Freedom.....	1,237.70	622.79	33.34	589.45	614.91	232.41	382.50
Fremont*.....	2,087.40	1,214.99	61.95	1,153.04	883.61	488.72	394.89
Gilford.....							
Gilmanton*.....	3,362.10	2,504.99	100.15	2,404.84	1,142.70	428.51	714.19
Gilsam*.....	7 18.41	7,263.49	492.39	6,771.10	1.05	1.05	
Goffstown .....	7,924.52	4,666.71	110.59	4,556.12	2,957.81	579.34	2,378.47
Gorham.....	23 005.03	7,396.07	400.67	6,995.40	19,298.96	14,363.49	4,845.47
Goshen.....	6 954.83	5,679.62	138.69	5,540.93	1,275.21	1,019.87	255.34

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Grafton.....									
Grantham*.....	\$384.69	\$199.14	\$583.83	\$1,735.00	\$292.50	\$2,027.50	\$7,900.00	\$1,103.67	\$8,106.67
Greenfield.....	10.77	13.21	23.98						
Greenland.....	318.60	531.00	849.60	324.60	541.50	866.10	328.20	547.50	875.70
Greenville*.....	403.20	572.44	975.64	404.80	1,012.50	1,417.30	416.80	1,042.50	1,459.30
Groton.....	246.98	198.00	445.07	245.00	196.50	441.50	251.25	201.00	452.25
Hampstead*.....				373.80	633.60	1,012.80	361.80	603.00	964.80
Hampton*.....	6.33	258.79	265.12	1,470.00	1,470.00	2,940.00	1,707.00	1,707.00	3,414.00
Hampton Falls.....				3,000.00	2,000.00	5,000.00			
Hancock.....									
Hanover.....	22,037.24	15,728.63	37,765.87				364.20	637.50	971.70
Harrisville*.....	416.40	694.50	1,110.90				625.00	2,500.50	3,125.50
Harts Location.....				417.60	636.00	1,113.60	437.40	729.00	1,166.40
Haverhill.....	4,571.38	2,304.00	6,875.38	15,000.00	5,000.00	20,000.00	10,500.00	3,500.00	14,000.00

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Grafton .....	.....	.....	.....	.....	.....	.....	.....
Grantham* .....	\$10,798.00	\$3,269.65	\$45.59	\$3,224.06	\$7,689.20	\$7,240.77	\$784.43
Greenfield .....	23.98	.....	.....	.....	23.98	10.77	13.21
Greenland .....	2,501.40	1,638.05	35.68	1,002.37	953.35	257.32	596.03
Greenville* .....	3,852.24	2,476.22	26.34	2,449.88	1,455.96	413.46	1,042.50
Groton .....	1,338.82	848.11	.....	848.11	490.71	272.62	218.09
Hampstead* .....	1,977.60	1,090.49	94.03	996.46	912.38	306.38	603.00
Hampton* .....	6,619.12	3,350.76	25.29	3,325.47	3,414.00	1,707.00	1,707.00
Hampton Falls .....	5,000.00	4,551.31	130.66	4,420.65	448.69	289.34	179.35
Hancock .....	971.70	4.04	4.04	.....	907.66	360.16	607.50
Hanover .....	40,891.37	37,791.73	947.58	36,844.15	3,099.64	599.14	2,500.50
Harrisville* .....	3,390.90	2,698.17	97.28	2,600.89	718.15	718.15	.....
Hart's Location .....	.....	.....	.....	.....	.....	.....	.....
Haverhill .....	40,875.38	32,800.25	479.75	32,320.51	8,075.12	8,075.12	.....

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Hebron.....	\$849.00	\$247.15	\$1,096.15	4405.00	\$135.00	\$540.00	\$408.00	\$136.50	\$544.50
Henniker.....				436.40	1,216.50	1,702.90	493.20	1,233.00	1,726.20
Hill*.....	253.80	423.00	676.80	258.00	430.50	688.50	270.60	451.50	722.10
Hill-boro*.....	459.81	1,924.50	2,384.31	482.25	1,929.00	2,411.25			
Hinsdale.....	6,282.13	6,540.50	12,822.63	18,377.88	10,572.44	28,950.32	654.75	2,619.00	3,273.75
Holderness.....	1,940.34	1,032.89	2,973.23						
Hollis*.....	324.75	825.00	1,149.75						
Hooksett.....	4,648.98	1,146.00	5,794.98	16,000.00	2,000.00	18,000.00	937.20	843.00	1,180.20
Hopkinton*.....	559.67	1,414.88	1,974.55	377.25	1,509.00	1,886.25	378.75	1,515.00	1,893.75
Hudson*.....	426.02	1,167.00	1,593.02	477.60	1,194.00	1,671.60	500.40	1,251.00	1,751.40
Jackson*.....	3,712.71	767.07	4,479.78	2,740.00	548.00	3,288.00	2,722.50	544.50	3,267.00
Jaffrey.....	404.25	374.82	779.07				454.75	1,819.59	2,274.25
Jefferson.....	365.16	500.75	925.91	966.00	610.50	976.50	378.60	631.50	1,010.10
Keene*.....	2,647.04	3,001.50	5,948.54	10,000.00	10,000.00	20,000.00	4,641.48		4,641.48

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Hebron.....	\$2,180.65	\$1,098.04	\$13.55	\$1,084.49	\$1,082.61	\$811.11	\$271.50
Henniker.....	3,429.10	1,717.84	98.52	1,619.32	1,711.26	478.26	1,333.00
Hill*.....	2,087.40	1,529.39	27.01	1,502.38	583.73	251.31	318.42
Hillshore*.....	4,755.56	6,180.07	165.97	6,014.10	.....	.....	.....
Hinsdale.....	45,046.70	41,807.98	1,175.43	40,632.55	3,238.72	619.72	2,619.00
Holderness.....	2,973.23	2,802.20	.....	2,802.20	111.03	111.03	.....
Hollis*.....	2,329.95	1,191.04	65.80	1,125.24	1,153.72	310.72	843.00
Hooksett.....	23,794.98	23,704.40	581.93	23,122.47	90.58	66.61	23.97
Hopkinton*.....	5,754.55	4,323.49	59.38	4,264.11	1,874.30	359.30	1,515.00
Hudson*.....	5,016.02	5,135.40	88.08	5,046.72	342.98	342.98	.....
Jackson*.....	11,034.78	8,903.43	97.98	8,805.45	2,321.76	2,321.76	.....
Jaffrey.....	3,053.32	.....	.....	.....	3,053.32	859.00	2,194.32
Jefferson.....	2,912.51	1,825.30	44.37	1,780.93	1,087.21	399.02	688.19
Keene*.....	30,590.02	43,887.67	494.57	43,393.10	.....	.....	.....

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Kensington* .....	\$454.80	\$345.50	\$800.30	\$458.75	\$367.50	\$826.25	\$462.50	\$370.50	\$833.00
Kingston* .....	394.65	658.24	1,052.89	434.40	724.50	1,158.90	442.80	738.00	1,180.80
Laconia .....	1,522.43	1,501.78	3,024.21	.....	.....	.....	.....	.....	.....
Lancaster* .....	844.11	2,913.99	3,758.10	3,600.00	2,400.00	6,000.00	3,678.02	2,419.50	6,098.12
Landaff .....	.....	.....	.....	1,651.50	550.50	2,202.00	328.30	547.50	875.70
Langdon* .....	360.89	291.34	652.23	378.75	303.00	681.75	363.75	291.00	654.75
Lebanon* .....	.....	107.86	107.86	.....	.....	.....	8,714.82	5,800.88	14,524.70
Lee .....	460.91	865.50	1,326.41	261.60	436.50	698.10	261.00	436.50	698.10
Lempster .....	6,025.58	711.68	6,737.26	2,089.50	298.50	2,388.00	4,910.50	701.50	5,612.00
Lincoln .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lisbon .....	2,641.92	2,245.46	4,887.38	2,000.00	1,600.00	3,600.00	10,000.00	5,000.00	15,000.00
Litchfield .....	1,271.38	1,045.01	2,316.37	466.25	373.50	839.75	408.75	327.00	735.75
Littleton* .....	2,580.08	2,857.50	5,437.58	5,836.48	2,913.24	8,739.72	.....	.....	.....
Londonderry .....	356.60	735.53	1,092.13	379.00	949.50	1,329.10	384.00	960.00	1,344.00

\*Overdraft paid by town.



## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Kensington*	\$2,450.55	\$2,237.76	\$34.80	\$2,152.96	\$252.81	\$252.81	.....
Kingston*	3,392.59	2,219.52	70.42	2,149.10	1,180.80	442.80	\$738.00
Laconia.....	3,024.21	3,014.83	14.05	3,000.28	9.88	9.88	.....
Lancaster*	15,856.22	11,314.37	238.50	11,075.87	4,625.39	3,631.43	993.96
Landaff.....	3,077.70	1,806.32	64.80	1,741.52	1,271.38	624.96	646.42
Langdon*	1,988.73	1,444.70	93.45	1,351.25	641.00	350.00	291.00
Lebanon*	14,632.56	3,537.42	126.50	3,410.92	11,095.27	8,582.32	2,512.95
Lee.....	2,722.61	1,719.50	75.75	1,643.75	1,003.11	452.23	550.88
Lempster.....	14,737.26	8,863.84	136.88	8,756.96	5,843.42	5,128.87	714.55
Lincoln.....	.....	.....	.....	.....	.....	.....	.....
Lisbon.....	22,887.38	5,374.40	149.55	5,224.85	17,512.98	11,342.52	6,170.46
Litchfield.....	3,891.87	1,856.57	47.73	1,808.84	2,035.30	1,130.72	904.58
Littleton*	14,177.30	13,806.55	267.76	13,538.79	405.89	405.89	.....
Londonderry.....	3,765.23	1,702.92	37.30	1,665.62	2,062.31	592.51	1,469.80

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
London.....	\$899.98	\$699.00	\$1,098.98	\$417.60	\$696.00	\$1,113.60	.....	.....	.....
Lyman.....	385.08	308.57	693.65	886.25	300.00	686.25	\$401.25	\$321.00	\$722.25
Lyme.....	14,690.45	5,005.73	19,696.18	.....	.....	.....	5,700.00	1,900.00	7,600.00
Lyndeboro*.....	300.81	501.35	802.16	.....	.....	.....	277.80	493.50	741.30
Madbury*.....	447.50	358.50	806.00	455.00	364.50	819.50	.....	.....	.....
Madison.....	3,337.54	500.79	3,838.33	.....	.....	.....	453.75	393.00	846.75
Manchester.....	14,632.87	26,101.60	40,734.47	3,946.79	15,911.18	19,857.97	3,108.80	15,544.13	18,652.93
Marlboro.....	1.47	.....	1.47	435.60	1,089.00	1,524.60	438.00	1,065.00	1,503.00
Marlow.....	11,586.19	1,646.54	13,232.73	1,620.00	405.00	2,025.00	6,000.00	1,500.00	7,500.00
Mason*.....	229.14	390.49	619.63	457.50	306.00	823.50	465.00	372.00	837.00
Meredith.....	550.20	.....	550.20	2,980.04	1,484.52	4,464.56	.....	.....	.....
Merrimack.....	3,229.30	1,056.00	4,285.30	15,280.00	3,056.00	18,336.00	1,500.00	500.00	2,000.00
Middleton*.....	551.25	441.00	992.25	252.50	202.50	455.00	241.25	193.50	434.75
Milan*.....	1,025.73	.....	1,025.73	2,400.00	600.00	3,000.00	2,406.00	601.50	3,007.50

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
London.....	\$2,182.58	\$2,181.59	\$92.60	\$2,088.99	\$ .99	.....	\$ .99
Lyman.....	2,111.15	1,339.70	18.39	1,321.31	771.45	\$27.43	344.02
Lyme.....	27,296.18	21,893.64	838.75	21,054.89	5,402.54	5,304.32	97.72
Lyndeboro*.....	1,543.46	833.18	31.15	802.03	741.30	277.80	463.50
Madbury*.....	1,625.50	1,546.34	110.63	1,435.71	79.34	8.32	71.02
Madison.....	4,655.08	3,853.23	410.31	3,442.89	801.85	438.85	383.00
Manchester.....	79,245.37	25,500.21	1,638.83	23,841.38	53,745.16	8,957.40	44,787.76
Marlboro.....	3,059.07	1,218.09	19.53	1,198.56	1,840.98	533.08	1,307.90
Marlow.....	22,757.73	16,258.35	1,870.46	14,387.89	6,409.38	6,409.38	.....
Mason*.....	2,280.13	1,442.44	31.20	1,411.24	844.76	469.31	375.45
Moredith.....	5,003.76	3,616.90	450.31	3,166.59	1,386.86	995.96	380.90
Merrimack.....	24,621.30	22,620.66	593.06	22,027.60	2,000.64	2,000.64	.....
Middleton*.....	1,882.00	1,064.83	37.82	1,027.01	877.18	481.18	396.00
Milan*.....	7,033.23	5,920.95	127.54	5,793.41	1,125.94	1,125.94	.....

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Milford*	\$86.77	\$162.24	\$169.01	\$595.00	\$2,380.50	\$2,975.50	.....	.....	.....
Milton.....	18,929.92	6,685.14	25,615.06	4,850.00	1,450.00	5,800.00	.....	.....	.....
Mont Vernon.....	423.90	347.46	771.36	347.40	579.00	926.40	\$844.40	\$874.50	\$918.90
Monroe*.....	268.20	447.00	715.20	297.00	445.50	712.50	285.00	475.50	760.50
Monitomboro.....	675.30	588.35	1,264.15	330.00	825.00	1,155.00	.....	.....	.....
Nashua.....	2,500.00	2,500.00	5,000.00	.....	.....	.....	.....	.....	.....
Nelson.....	280.20	.....	280.20	443.75	355.50	799.25	431.25	345.00	776.25
New Boston.....	.....	.....	.....	.....	.....	.....	395.20	988.50	1,383.70
Newbury.....	412.24	712.50	1,124.74	301.20	753.00	1,054.20	310.80	777.00	1,087.80
Newcastle*.....	245.25	49.00	294.22	302.40	504.00	806.40	.....	.....	.....
New Durham.....	.....	.....	.....	402.50	322.50	725.00	421.25	337.50	758.75
Newfields*.....	.....	.....	.....	350.00	280.50	630.50	365.00	292.50	657.50
New Hampton*.....	321.00	535.50	856.50	310.20	517.50	827.70	322.80	588.50	861.30
Newington*.....	250.46	.....	250.46	1,000.00	500.00	1,500.00	372.00	336.00	1,008.00

\*Overdraft paid by town

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Material	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Milford*	\$3,174.51	\$3,205.00	\$43.40	\$3,161.54	.....	.....	.....
Milton.....	31,415.06	30,010.96	445.16	29,565.80	\$1,404.10	\$1,404.10	.....
Mont Vernon.....	2,616.96	1,206.77	21.25	1,135.52	1,409.89	528.52	\$881.37
Monroe*	2,188.20	1,427.20	34.85	1,392.35	776.94	289.08	487.86
Moultonboro.....	2,419.15	2,364.16	.....	2,364.16	54.99	54.99	.....
Nashua.....	5,000.00	2,409.63	.....	2,409.63	2,590.37	1,316.44	1,273.93
Nelson.....	1,855.70	1,690.00	56.53	1,063.47	705.70	420.70	345.00
New Boston.....	1,883.70	.....	.....	.....	1,883.70	385.20	988.50
Newbury.....	3,286.74	2,190.93	43.99	2,146.94	1,075.81	294.10	781.71
Newcastle.*.....	1,100.62	1,159.45	49.85	1,109.60	11.53	11.11	.42
New Durham.....	1,483.75	438.75	19.95	418.80	1,045.00	803.80	241.20
Newfields*.....	1,288.00	825.64	48.41	777.23	645.59	553.69	292.50
New Hampton*.....	2,545.50	1,773.57	56.31	1,717.23	858.05	319.55	538.50
Newington*.....	2,758.46	2,009.68	99.53	1,910.15	1,008.00	672.00	536.00

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
New Ipswich.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New London.....	\$32.37	.....	\$32.37	\$390.40	\$976.50	\$1,366.90	.....	.....	.....
Newmarket.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Newport.....	3,917.86	\$560.74	4,478.60	1,750.00	1,750.00	3,500.00	631.50	2,768.00	\$3,457.50
Newton.....	690.24	1,178.60	1,868.83	.....	.....	.....	.....	.....	.....
Northfield*.....	552.54	1,372.92	1,925.46	429.60	.....	.....	.....	.....	.....
North Hampton ..	532.48	1,093.00	1,625.48	.....	1,074.00	1,503.00	433.00	1,084.50	1,518.10
Northumberland* ..	5,783.99	1,950.89	7,734.28	4,215.00	1,415.00	5,630.00	6,765.48	2,000.00	8,765.48
Northwood* .....	435.30	733.50	1,168.80	304.00	760.50	1,064.50	302.40	756.00	1,058.40
Nottingham* .....	285.20	262.85	548.05	.....	.....	.....	379.80	633.00	1,012.80
Orange*.....	351.00	118.36	469.36	.....	.....	.....	.....	.....	.....
Orford.....	3,719.47	1,019.82	4,739.29	2,097.54	639.18	2,736.72	2,144.25	714.75	2,859.00
Ossipee*.....	8,174.47	6,845.68	15,020.15	10,000.00	2,000.00	12,000.00	10,000.00	2,000.00	12,000.00
Pelham.....	313.77	784.44	1,098.21	309.60	774.00	1,083.60	314.80	787.50	1,102.30

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
New Ipswich.....							
New London.....	\$1,390.27	\$1,393.65	\$19.55	\$1,370.10	\$1.02	\$1.02	
Newmarket.....							
Newton.....	11,406.10	9,751.42	229.24	9,522.18	1,744.68	635.19	\$1,109.49
Newport.....	1,808.93	1,756.94	25.48	1,731.46	111.99	38.56	73.43
Northfield*.....	4,947.16	3,406.47	90.06	3,316.41	1,590.86	445.82	1,115.04
North Hampton.....	1,630.48				1,630.48	532.48	1,098.00
Northumberland*.....	22,119.76	15,154.55	403.83	14,750.72	7,985.85	6,751.33	1,234.52
Northwood*.....	3,291.70	2,630.90	143.79	2,493.11	1,058.40	392.40	756.00
Nottingham*.....	1,560.85	617.81	22.00	595.81	1,012.80	370.80	633.00
Orange*.....	469.36	471.37	6.01	465.36			
Orford.....	10,395.01	7,336.93	187.02	7,149.91	3,053.08	2,546.04	552.04
Ossipee*.....	39,020.15	31,320.42	657.25	30,863.16	7,686.94	7,686.94	
Pelham.....	3,384.11	2,181.31		2,181.81	1,102.30	314.50	787.50

\*Overdraft paid by town.



## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Pembroke.....			.....	\$444.25	\$1,777.50	\$2,221.75	\$447.00	\$1,788.00	\$2,235.00
Peterboro*.....	\$1.78	\$7.14	\$8.92	645.00	2,580.00	3,225.00	.....	.....	.....
Piermont.....	151.45	151.45	302.90	1,998.00	666.00	2,664.00	2,133.00	711.00	2,844.00
Pittsburg.....			.....	.....	.....	.....	.....	.....	.....
Pittsfield.....	616.32	2,509.44	3,125.76	400.50	1,842.00	2,302.50	483.25	1,933.50	2,416.75
Plainfield*.....	517.49	1,125.84	1,643.33	355.60	889.50	1,245.10	356.80	892.50	1,249.30
Plaistow*.....	388.80	648.00	1,036.80	330.60	651.60	1,041.60	402.00	670.50	1,072.50
Plymouth.....			.....	1,294.98	1,786.50	3,081.48	456.00	1,824.00	2,280.00
Portsmouth*.....	2,000.00	2,000.00	4,000.00	3,500.00	3,500.00	7,000.00	3,000.00	3,000.00	6,000.00
Randolph*.....	282.25	138.43	420.68	290.00	232.50	522.50	296.25	237.00	533.25
Raymond.....	811.89	1,403.09	2,214.98	415.80	693.60	1,108.80	429.00	715.50	1,144.50
Richmond.....	481.50	267.45	748.95	310.20	517.50	827.70	287.60	496.50	784.10
Rindge.....	333.31	603.84	937.15	431.20	1,078.20	1,509.70	444.00	1,110.00	1,554.00
Rochester.....			.....	12,000.00	12,000.00	24,000.00	8,000.00	8,000.00	16,000.00

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Pembroke.....	\$4,456.75	\$3,421.95	\$34.10	\$3,387.85	\$1,034.80	\$453.51	\$581.29
Peterboro*.....	3,233.92	3,240.32	6.40	3,233.92	.....	.....	.....
Piermont.....	5,810.90	2,975.21	221.06	2,754.15	2,835.69	2,119.63	716.06
Pittsburg.....	.....	.....	.....	.....	.....	.....	.....
Pittsfield.....	7,845.01	6,105.51	281.52	5,823.99	1,730.50	698.34	1,041.16
Plainfield*.....	4,137.73	2,918.01	45.47	2,872.54	1,243.71	351.21	892.50
Plaistow*.....	3,150.90	2,635.69	.....	2,635.69	1,072.50	402.00	673.50
Plymouth.....	5,361.48	2,501.96	35.76	2,466.20	2,859.52	612.97	2,246.55
Portsmouth*.....	17,000.00	13,237.79	406.24	12,771.55	4,063.27	2,864.93	1,798.34
Randolph*.....	1,476.43	1,062.89	11.48	1,081.41	533.25	206.25	237.00
Raymond.....	4,408.28	3,342.35	206.05	3,133.39	1,125.93	410.43	715.50
Richmond.....	2,370.75	1,571.78	70.02	1,501.76	708.97	290.46	508.51
Rindge.....	4,000.85	3,084.46	177.56	2,906.90	910.39	580.54	335.85
Rochester.....	40,000.00	643.91	8.50	635.41	39,356.09	19,975.61	19,380.48

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Rollinsford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Roxbury*.....	\$20.05	\$125.00	\$343.05	\$21.25	\$177.00	\$398.25	\$211.25	\$169.50	\$380.75
Rumney*.....	322.57	538.11	860.68	313.20	522.00	835.20	312.00	520.50	832.50
Rye.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salem.....	388.75	1,555.50	1,944.25	385.25	1,581.00	1,976.25	422.25	1,089.00	2,111.25
Salisbury.....	243.00	405.00	648.00	.....	.....	.....	.....	.....	.....
Saunderston.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sandown*.....	339.74	271.80	611.54	305.00	244.50	549.50	381.60	636.00	1,017.60
Sandwich.....	360.76	629.49	990.25	338.80	847.50	1,186.30	320.00	256.50	576.50
Seabrook.....	101.50	.....	101.50	.....	.....	.....	355.20	888.00	1,243.20
Sharon*.....	192.11	.....	192.11	.....	.....	.....	.....	.....	.....
Shelburne.....	.....	.....	.....	221.25	177.00	398.25	444.00	149.50	592.50
Somersworth.....	6,130.77	6,265.27	12,396.04	313.20	522.00	835.20	311.40	519.00	830.40
South Hampton.....	56.60	33.28	95.88	3,000.00	3,030.00	6,000.00	.....	.....	.....
				356.25	285.00	641.25	338.75	271.50	610.25

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Rollinsford.....							
Roxbury*.....	\$1,122.05	\$739.56	\$38.94	\$700.62	\$393.26	\$218.20	\$175.00
Runney*.....	2,528.38	1,719.86	70.90	1,648.96	832.50	312.00	530.50
Rye.....							
Salem.....	6,031.75	120.40	120.40	.....	5,911.35	1,085.85	4,825.50
Salisbury.....	648.00	437.88	6.70	431.18	210.12	78.80	131.32
Sanborn ton.....	1,017.00				1,017.00	381.60	635.00
Sandown*.....	1,737.54	1,167.24	63.00	1,104.24	576.50	320.00	256.50
Sandwich.....	3,419.75	2,090.53	22.84	2,076.69	1,320.22	371.70	948.52
Seabrook.....	101.50				101.50	101.50	.....
Sharon*.....	1,182.86	715.60	28.23	687.37	479.90	425.58	54.32
Shedburne.....	1,065.60	828.22	16.92	811.30	237.38	310.74	526.74
Somersworth.....	18,396.04	14,444.82	115.06	14,329.76	3,951.22	1,975.61	1,975.61
South Hampton.....	1,347.38	1.98	1.98	.....	1,345.40	749.62	595.78

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910.			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Springfield.....	\$240.00	\$400.50	\$640.50	\$259.80	\$433.50	\$693.30	\$208.80	\$448.50	\$657.30
Stark*.....	321.57	.....	321.57	297.00	495.00	792.00	288.60	481.50	770.10
Stewartstown*.....	395.90	316.95	712.85	407.40	679.50	1,086.90	416.40	694.50	1,110.90
Stoddard*.....	227.40	379.50	606.90	226.80	378.00	604.80	447.50	358.50	806.00
Strafford.....	411.00	687.22	1,098.22	441.00	735.00	1,176.00	432.60	721.50	1,154.10
Strafford.....	3,170.71	911.11	4,081.82	2,344.50	781.50	3,126.00	3,450.00	1,150.00	4,600.00
Stratham*.....	350.67	584.45	935.12	361.80	603.00	964.80	336.60	561.00	897.60
Sullivan.....	389.15	235.32	624.47	363.75	291.00	654.75	361.25	289.50	650.75
Sunapee.....	585.74	1,464.84	2,050.58	536.00	1,390.50	1,946.50	577.00	1,444.50	2,022.10
Surry*.....	32.68	.....	32.68	380.00	288.00	648.00	300.00	288.00	648.00
Sutton*.....	.....	.....	.....	370.80	618.00	988.80	.....	.....	.....
Swansey.....	8,949.88	5,022.51	13,972.39	.....	.....	.....	.....	.....	.....
Tamworth*.....	6,431.43	485.36	6,916.79	.....	.....	.....	.....	.....	.....
Temple.....	374.10	239.15	613.25	386.25	309.00	695.25	406.25	325.50	731.75

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Springfield.....	\$2,051.10	\$2,019.43	\$22.17	\$1,697.26	\$31.67	\$31.67	.....
Stark*.....	1,883.67	1,886.68	25.61	1,861.07	.....	.....	.....
Stewartstown*.....	2,910.65	2,911.53	24.39	2,887.14	.....	.....	.....
Stoddard*.....	2,017.70	1,274.33	159.83	1,114.50	751.00	392.50	\$558.50
Strafford.....	3,428.32	2,063.12	173.25	1,889.87	1,365.20	555.17	810.03
Stratford.....	11,897.82	8,290.39	235.32	7,975.07	3,697.43	3,697.43	.....
Stratham*.....	2,797.52	1,953.63	36.28	1,922.35	897.60	336.60	561.00
Sullivan.....	1,969.97	1,403.85	95.76	1,308.09	566.12	358.79	297.33
Sunapee.....	6,019.18	3,325.56	729.33	3,206.20	2,693.62	769.46	1,924.16
Surry*.....	1,328.68	676.56	38.81	637.75	691.49	383.83	297.66
Sutton*.....	988.80	1,000.16	23.25	976.91	.....	.....	.....
Swansey.....	13,972.39	13,855.16	142.56	13,712.00	117.23	90.56	26.67
Tamworth*.....	6,916.79	6,927.65	56.26	6,871.39	.....	.....	.....
Temple.....	2,040.25	1,327.42	55.97	1,271.45	712.83	387.33	325.50

Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910.			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Thornton .....	\$1,646.23	\$389.40	\$2,015.63	\$3,196.00	\$1,900.00	\$3,995.00	\$2,200.00	\$350.00	\$2,750.00
Tilton* .....	3,635.35	462.89	4,098.24	4,000.00	2,000.00	6,000.00	6,000.00	3,000.00	9,000.00
Troy* .....	426.67	980.11	1,406.78	438.00	1,035.00	1,533.00	466.80	1,157.00	1,633.80
Tuftsboro* .....	261.96	456.00	717.96	300.00	516.00	825.00	324.00	540.00	864.00
Unity .....	436.25	349.50	735.75	453.75	363.00	816.75	462.50	370.50	833.00
Wakefield .....	36,565.00	6,175.84	42,770.84	.....	.....	.....	.....	.....	.....
Walpole* .....	.....	.....	.....	580.50	2,358.00	2,947.50	592.50	2,350.38	2,992.88
Warner .....	866.80	2,167.50	3,034.30	434.80	1,087.50	1,522.30	430.80	1,077.00	1,507.80
Warren* .....	.....	.....	.....	334.80	558.00	892.80	325.80	543.00	878.80
Washington .....	.....	.....	.....	466.25	373.50	839.75	233.40	384.00	614.40
Waterville .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Weare* .....	415.29	1,098.71	1,454.00	417.60	1,044.00	1,461.60	408.00	1,020.00	1,428.00
Webster* .....	255.50	280.24	515.74	285.20	422.50	707.70	268.80	448.50	717.30
Wentworth* .....	.....	.....	.....	462.50	370.50	833.00	453.75	393.00	816.75

\*Overdraft paid by town.



## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Material	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Thornton. ....	\$8,700.63	\$5,706.23	\$206.86	\$5,499.37	\$3,034.40	\$2,734.25	\$820.15
Tilton* .....	19,098.24	10,870.98	606.82	10,264.16	8,256.92	5,735.74	2,521.18
Troy* .....	4,573.58	3,383.45	126.33	3,257.12	1,231.86	582.11	649.75
Tuftsboro* .....	2,407.56	1,634.62	65.41	1,569.21	843.60	303.60	540.00
Unity .....	2,435.50	1,441.20	41.61	1,390.59	994.30	568.56	425.74
Wakefield .....	42,770.84	33,893.29	548.00	33,315.29	8,907.55	7,126.04	1,781.51
Walpole* .....	5,910.38	4,933.62	189.98	4,742.64	2,675.44	550.51	2,124.93
Warner .....	6,064.40	4,512.65	318.44	4,194.21	1,551.75	433.62	1,118.13
Warren* .....	1,701.60	948.00	56.07	891.93	854.49	311.49	543.90
Washington .....	1,865.85	1,171.40	54.67	1,116.73	694.45	272.19	422.26
Waterville .....							
Ware* .....	4,343.60	3,023.84	43.77	2,980.07	1,409.10	380.10	1,020.00
Webster* .....	1,940.74	1,307.53	22.29	1,285.29	717.30	268.80	448.50
Wentworth* .....	1,649.75	942.44	41.25	901.19	710.72	438.20	272.52

\*Overdraft paid by town.

## STATEMENT OF JOINT FUND ACCOUNT

## TOWNS APPLYING

	Balance in Treasury Aug. 31, 1910			Appropriation 1911			Appropriation 1912		
	State	Town	Total	State	Town	Total	State	Town	Total
Wentworth Loc.....	\$405.00	\$135.00	\$540.00	\$408.00	\$136.50	\$544.50	\$405.00	\$135.00	\$540.00
Westmoreland*.....	463.71	796.29	1,260.00	.....	.....	.....	427.20	712.50	1,139.70
Whitefield.....	6,507.44	2,391.16	8,898.60	2,000.00	1,000.00	3,000.00	2,346.00	1,173.00	3,519.00
Wilnot.....	197.19	38.14	235.33	423.75	339.00	762.75	425.00	340.50	765.50
Wilton.....	524.81	1,533.42	2,058.23	380.25	1,521.00	1,901.25	405.25	1,621.50	2,026.75
Winchester.....	13,528.13	6,708.98	20,237.11	4,014.00	2,022.00	6,036.00	4,329.00	2,164.50	6,493.50
Windham*.....	398.80	772.50	1,081.30	.....	.....	.....	347.20	808.50	1,215.70
Windsor.....	193.31	5.92	199.23	151.00	52.50	203.50	207.00	69.00	276.00
Wolfeboro.....	.....	.....	.....	5,000.00	1,000.00	6,000.00	520.00	2,116.50	2,636.50
Woodstock*.....	1,289.39	980.87	2,250.26	4,000.00	2,000.00	6,000.00	2,969.79	814.50	3,784.19
	\$358,203.26	\$234,565.51	\$592,768.77	\$283,480.40	\$212,868.94	\$496,349.43	\$225,008.45	\$419,122.18	\$417,820.63

\*Overdraft paid by town.

## TOWNS APPLYING

	Total Fund	Expense Aug. 31, 1910 to Aug. 31, 1912	Engineering Advertising and Inspection	Labor and Material	Balance un- expended Aug. 31, 1912	Balance in State	Balance in Town
Wentworth Loc. ....	\$1,624.50	\$846.05	.....	\$896.05	\$928.45	\$820.18	\$888.27
Westmoreland*. ....	2,399.70	1,427.74	\$144.03	1,283.71	1,100.02	387.52	712.59
Whitefield. ....	15,417.60	10,385.11	210.60	10,174.51	5,032.49	3,348.58	1,083.91
Wilmot. ....	1,763.58	1,012.39	30.93	981.46	751.19	410.69	340.50
Wilton. ....	5,986.23	3,855.93	52.54	3,803.39	2,130.30	425.96	1,704.34
Winchester. ....	32,796.61	23,742.76	670.66	23,072.10	6,053.85	4,341.19	1,712.66
Windham*. ....	2,297.00	1,084.38	2.25	1,082.13	1,213.45	344.95	868.50
Windsor. ....	683.73	369.51	21.04	348.47	314.22	231.95	82.27
Wolfeboro. ....	8,645.50	6,031.04	283.90	5,747.14	2,614.46	497.66	2,116.80
Woodstock*. ....	12,034.45	10,501.09	74.93	10,426.16	1,679.87	1,679.87	.....
	\$1,506,938.83	\$1,061,489.73	\$30,648.19	\$1,030,841.54	\$473,759.22	\$255,127.51	\$218,634.71

\*Overdraft paid by town

# APPROPRIATION FOR TRUNK LINES EAST SIDE

TOWN	1909		1910		1911		1912		State	Town	
	State	Town	State	Town	State	Town	State	Town			
Albany .....	\$500.54	\$423.00	\$8,283.27	\$1,385.66	\$1,058.12	\$211.62	\$2,500.00	\$500.00	\$12,341.93	\$2,520.28	\$14,862.21
Bartlett.....	734.04	717.00	1,031.38	342.22	.....	.....	.....	.....	1,765.42	1,059.22	2,824.64
Berlin*.....	2,000.00	2,000.00	1,000.00	1,000.00	750.00	750.00	.....	.....	3,750.00	3,750.00	7,500.00
Cambridge.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colebrook.....	1,441.50	1,441.50	5,000.00	2,500.00	3,000.00	1,500.00	.....	.....	9,441.50	5,441.50	14,883.00
Conway.....	2,036.55	1,822.50	.....	.....	.....	.....	.....	.....	2,036.55	1,822.50	3,859.05
Dover*.....	.....	.....	10,000.00	10,000.00	3,000.00	3,000.00	.....	.....	13,000.00	13,010.99	26,000.00
Dummer*.....	382.82	382.50	4,000.00	800.00	1,642.50	328.50	4,000.00	800.00	10,025.32	2,311.00	12,336.32
Erroll*.....	801.21	693.00	7,500.00	2,500.00	5,397.47	1,799.16	8,949.97	2,983.33	22,156.65	7,975.49	30,032.14
Gorham.....	1,402.50	1,402.50	4,500.00	1,500.00	4,500.00	1,500.00	9,510.00	3,170.00	19,912.50	7,572.50	27,485.00
Hampton*.....	.....	.....	1,532.65	1,532.65	1,470.00	1,470.00	1,707.00	1,707.00	4,709.65	4,709.65	9,419.30
Hampton Falls.....	.....	.....	.....	.....	3,000.00	2,000.00	.....	.....	3,000.00	2,000.00	5,000.00
Jackson*.....	553.50	553.50	3,835.00	767.00	2,740.00	548.00	2,722.50	544.00	9,851.00	2,413.00	12,264.00
Madison.....	411.05	414.00	3,025.46	75.00	1,762.87	.....	.....	.....	5,199.38	489.00	5,688.38
Milan*.....	593.45	592.50	3,200.00	800.00	2,400.00	600.00	2,406.00	601.50	8,599.45	2,594.00	11,193.45

Milton .....	\$1,816.80	\$1,131.00	\$70,000.00	\$10,000.00	\$4,350.00	\$1,450.00	.....	\$23,160.80	\$12,581.00	\$18,747.80
Newington* .....	523.94	328.50	1,000.00	500.00	1,000.00	500.00	\$72.00	3,195.04	1,061.50	4,890.44
North Hampton.....	565.52							565.52		565.52
Ossipee*.....	2,500.00	985.50	30,000.00	6,000.00	10,000.00	2,000.00	10,000.00	52,500.00	10,985.50	63,485.50
Portsmouth*.....			2,000.00	2,000.00	3,500.00	3,500.00	3,000.00	8,500.00	8,500.00	17,000.00
Rochester .....							8,000.00	8,000.00	8,000.00	16,000.00
Rye.....										
Seabrook .....	375.00		2,850.00	1,500.00				3,225.00	1,500.00	4,725.00
Somersworth.....			6,265.28	6,265.27	3,000.00	3,000.00		9,265.28	9,265.27	18,530.55
Tamworth*.....			16,000.00	4,000.00				16,000.00	4,000.00	20,000.00
Wakefield.....	1,666.50	1,054.50	44,000.00	11,000.00				45,068.50	12,054.50	57,121.00
Wolfeboro.....					5,000.00	1,000.00		5,000.00	1,000.00	6,000.00
	\$18,312.92	\$13,941.50	\$185,023.04	\$64,467.80	\$57,570.96	\$25,157.28	\$53,407.47	\$314,374.39	\$127,208.91	\$441,583.30

\*Overdraft paid by town.

## APPROPRIATION FOR TRUNK LINES

## MERRIMACK VALLEY

Town	1909		1910		1911		1912		State	Town
	State	Town	State	Town	State	Town	State	Town		
Allentown.....	.....	.....	\$806.99	\$806.99	.....	.....	.....	.....	\$806.99	\$1,733.98
Ashland.....	\$1,073.12	\$1,026.00	3,081.05	1,540.53	.....	.....	.....	.....	4,154.17	6,720.70
Bedford.....	3,000.00	1,042.50	.....	.....	\$5,765.40	\$1,400.00	.....	.....	8,765.40	11,207.90
Belmont.....	1,421.23	500.00	.....	.....	.....	.....	.....	.....	1,421.23	1,921.23
Boscawen.....	3,800.00	1,250.00	18,977.19	5,066.50	.....	.....	.....	.....	22,777.19	29,093.09
Bridgewater.....	500.00	216.00	213.01	53.74	.....	.....	.....	.....	713.01	982.75
Campton.....	734.12	715.50	8,000.00	2,000.00	8,000.00	2,000.00	\$2,934.00	\$733.50	19,008.12	25,117.12
Center Harbor*.....	1,000.00	462.00	3,375.00	1,500.00	99.00	.....	4,500.00	1,500.00	8,974.60	12,436.60
Concord.....	.....	.....	2,040.00	2,000.00	.....	.....	.....	.....	2,000.00	4,000.00
Franconia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Franklin.....	2,304.00	2,304.00	.....	.....	1,954.76	1,954.77	.....	.....	4,258.76	8,517.53
Holderness.....	802.10	735.00	10,000.00	5,000.00	.....	.....	.....	.....	10,802.10	16,537.10
Hooksett.....	6,700.00	1,146.00	7,814.38	1,146.00	10,000.00	2,000.00	.....	.....	30,514.38	34,806.38
Laconia.....	1,000.00	1,000.00	1,500.00	1,500.00	.....	.....	.....	.....	2,500.00	5,000.00





# APPROPRIATION FOR TRUNK LINES WEST SIDE

Town	1909		1910		1911		1912		State	Town	
	State	Town	State	Town	State	Town	State	Town			
Bath.....	\$1,061.67	\$727.50	\$4,000.00	\$1,000.00	\$2,976.00	\$744.00	\$4,000.00	\$1,000.00	12,037.67	\$3,471.50	\$15,509.17
Bethlehem.....	1,338.00	1,338.00	6,724.00	3,362.00	6,910.00	3,455.00	4,865.00	2,432.50	19,837.00	10,537.50	30,424.50
Carroll*.....	.....	.....	8,000.00	2,000.00	2,861.92	2,861.92	2,953.96	1,040.00	13,815.88	5,861.12	19,677.80
Colebrook.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Columbia*.....	478.50	478.50	1,500.00	500.00	969.00	454.50	1,017.00	508.50	3,934.50	1,371.50	5,936.00
Croydon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enfield.....	1,092.00	1,092.00	6,639.00	1,111.50	6,575.46	1,065.91	.....	.....	14,337.46	3,290.41	17,635.87
Gilsum*.....	501.83	352.50	6,000.00	1,000.00	2,160.00	360.00	2,437.44	400.00	11,529.30	2,112.50	13,641.80
Goshen.....	222.50	223.50	4,000.00	1,000.00	870.00	217.50	1,070.00	250.00	6,092.50	1,491.00	7,753.50
Grantham*.....	259.43	267.00	6,000.00	1,000.00	1,755.09	292.50	7,212.50	1,166.67	15,227.13	2,736.17	17,953.30
Hanover.....	2,444.75	2,302.50	27,977.10	18,646.16	.....	.....	.....	.....	30,421.85	20,948.66	51,370.51
Haverhill.....	2,304.00	2,304.00	2,304.00	.....	15,000.50	5,000.00	10,500.00	3,500.00	30,108.00	10,804.00	40,912.00
Hinsdale.....	1,540.50	1,540.50	5,000.00	5,000.00	13,377.88	10,572.440	.....	.....	24,918.38	17,112.94	42,031.32
Keene.....	3,608.50	3,608.50	3,967.27	3,967.27	10,000.00	10,000.00	4,614.48	.....	22,217.25	17,575.77	39,793.03
Lancaster*.....	2,410.50	2,410.50	3,613.50	2,400.00	3,630.00	2,400.00	3,678.62	2,419.50	13,302.62	9,639.00	22,941.62
Landaff.....	465.13	455.00	.....	.....	1,651.50	550.00	.....	.....	2,116.63	985.00	3,101.63

Lebanon*	\$3,204.95	\$3,154.50	\$3,240.00	\$3,240.00	.....	.....	\$3,714.52	\$5,809.88	\$15,159.77	\$12,204.33	\$27,364.15
Lempster	278.78	276.00	7,800.00	1,300.00	2,089.50	\$2,85.50	4,910.50	701.50	15,078.78	2,576.00	17,654.78
Lisbon	2,019.00	2,019.00	2,000.00	1,000.00	2,000.00	1,000.00	10,000.00	5,000.00	16,019.00	9,019.00	25,038.00
Littletown*	2,857.50	2,857.50	.....	.....	5,826.48	2,013.24	.....	.....	8,683.98	5,770.74	14,454.72
Lyme	.....	.....	15,000.00	5,000.00	.....	.....	5,709.00	1,900.00	20,700.00	6,900.00	27,600.00
Marlow	892.72	393.00	16,000.00	4,000.00	1,620.00	405.00	6,000.00	1,500.00	24,512.72	6,298.00	30,810.72
Newport	2,570.54	2,580.50	6,000.00	6,000.00	1,780.00	1,780.00	.....	.....	10,350.54	10,319.50	20,670.04
Northumberland*	1,734.89	1,509.00	6,000.00	2,000.00	4,215.00	1,402.00	6,765.48	2,000.00	18,715.87	6,914.00	25,629.87
Orford	1,244.00	1,244.00	3,600.45	1,220.15	2,097.54	699.18	2,144.25	714.75	9,146.24	3,878.08	13,024.32
Piermont	724.75	718.50	.....	.....	1,993.00	663.00	2,133.00	711.00	4,855.75	2,035.50	6,951.25
Stratford	921.51	727.50	3,000.00	1,000.00	2,344.50	781.50	3,450.00	1,150.00	9,716.01	3,659.00	13,375.01
Swansey	1,520.03	1,456.50	10,000.00	5,000.00	.....	.....	.....	.....	11,520.03	6,453.50	17,976.53
Whitefield	1,744.20	1,134.00	10,000.00	5,000.00	2,000.00	1,000.00	2,346.00	1,173.00	16,080.20	8,307.00	24,387.20
Winchester	1,945.50	1,945.50	20,000.00	10,000.00	4,044.00	2,022.00	4,323.00	2,164.50	30,318.50	16,132.00	46,450.50
	\$30,785.71	\$37,054.50	\$188,455.32	\$85,756.08	\$103,721.78	\$51,004.19	\$93,829.25	\$35,501.80	\$430,792.06	\$309,316.57	\$640,108.63

\*Overdraft paid by town.

## RECAPITULATION TOTAL APPROPRIATION

	State	Town	Total
East Side.....	\$314,374.39	\$127,208.91	\$441,583.30
Merrimack Valley.....	225,853.93	101,151.77	327,005.70
West Sides.....	430,792.06	209,316.57	640,108.63
	\$971,020.38	\$437,677.25	\$1,408,697.63

## STATEMENT OF PERMANENT IMPROVEMENT FUND

	Balance Unexpended Aug. 31, 1910	Raised 1911	Raised 1912	Total Fund	Expended Aug. 31, 1910 to Aug. 31, 1912	Balance Unexpended Aug. 31, 1912
Aeworth .....	\$304.55			\$304.55	\$283.79	\$20.76
Alexandria.....			\$234.00	234.00		234.00
Alton.....	601.04			601.04	599.21	1.83
Amherst.....	753.18	\$656.00	697.00	2,106.18	1,347.18	759.00
Andover .....	706.75	579.00		1,285.75	959.50	296.25
Antrim.....	654.00	652.00	802.00	2,108.00	630.00	1,478.00
Ashland.....		701.00		701.00	701.00	
Auburn .....	356.00			356.00	356.00	
Barnstead.....	539.12			539.12	539.12	
Barrington.....	1,034.00			1,034.00	1,034.00	
Bedford.....	706.00			706.00	700.00	6.00
Belmont.....	496.00	516.00		1,012.00		1,012.00
Benton.....	173.00	176.00	177.00	526.00	349.00	177.00
Boscawen.....		676.00	660.00	1,336.00	676.00	660.00
Bow.....	22.50			22.50	22.50	
Brookfield.....	394.71	137.00	148.00	679.71	17.25	662.46
Canaan.....			714.00	714.00		714.00
Canterbury.....	428.00	452.00	459.00	1,339.00	880.00	459.00
Center Harbor.....		317.00		317.00		317.00
Chesterfield.....	3.07			3.07		3.07
Clarksville.....	405.00	227.00		632.00	405.00	227.00
Colebrook.....			1,045.00	1,045.00		1,045.00
Conway.....	1,381.00	1,472.00	1,514.00	4,367.00	2,853.00	1,514.00
Cornish .....	604.77		657.00	1,261.77	604.77	657.00
Croydon .....	1,207.00	230.00	232.00	1,669.00	425.00	1,244.00
Danbury.....		236.00	248.00	484.00		484.00
Deering.....	234.00	252.00	257.00	743.00	486.00	257.00
Derry .....	320.97	1,599.00		1,919.97		1,919.97
Dunbarton.....	10.68			10.68		10.68
Durham.....	611.00		649.00	1,260.00	611.00	649.00

## STATEMENT OF PERMANENT IMPROVEMENT FUNDS

	Balance Unexpended Aug. 31, 1910	Raised 1911	Raised 1912	Total Fund	Expended Aug. 31, 1910 to Aug. 31, 1912	Balance Unexpended Aug. 31, 1912
East Kingston.....		\$249.00		\$249.00		\$249.00
Easton .....	\$272.00			272.00	\$173.71	98.29
Effingham.....	330.05	289.00		619.05	237.17	381.88
Ellsworth.....	109.00	31.00	\$37.00	177.00	140.00	37.00
Exeter .....	4,909.50	1,646.50	1,650.50	8,206.50	6,556.00	1,650.50
Farmington.....	1,111.00	1,104.00		2,215.00		2,215.00
Francestown.....	324.48	345.00	308.00	977.48	524.56	452.92
Franconia.....	424.00	468.00	485.00	1,377.00	892.00	485.00
Gilford.....	469.00	520.00	542.00	1,531.00	884.77	646.23
Grafton.....	244.00	335.00	348.00	1,027.00	679.00	348.00
Greenfield .....	1,304.00	312.00	302.00	1,918.00		1,918.00
Hampton Falls.....	607.69		312.00	919.69	607.69	312.00
Hancock.....	397.00	406.00		803.00	756.03	46.97
Hanover.....		1,642.00		1,642.00	1,400.00	242.00
Haverhill .....	1,597.00			1,597.00	1,597.00	
Henniker .....	.61			.61	.61	
Hillsboro.....			1,275.00	1,275.00		1,275.00
Holderness.....		537.00	565.00	1,102.00		1,102.00
Hollis.....		557.00		557.00		557.00
Hooksett.....			847.00	847.00		847.00
Jaffrey.....	3,294.64		1,203.00	4,497.64	2,424.57	2,073.07
Landaff .....	300.00			300.00	300.00	
Lebanon.....		2,241.75		2,241.75	2,241.75	
Lincoln.....	531.00	507.00	728.00	1,766.00	793.82	972.18
Littleton.....	1,892.00		1,944.00	3,836.00	1,892.00	1,944.00
Londonderry .....	193.97			193.97	193.97	
Loudon.....	467.75		527.00	994.75	125.09	869.66
Lyme.....		600.00		600.00	600.00	
Lyndeboro.....		310.00		310.00		310.00
Madison.....		237.00		237.00		237.00

## STATEMENT OF PERMANENT IMPROVEMENT FUNDS

	Balance Unexpended Aug. 31, 1910	Raised 1911	Raised 1912	Total Fund	Expended Aug. 31, 1910 to Aug. 31, 1912	Balance Unexpended Aug. 31, 1912
Marlboro .....	\$751.00			\$751.00	\$715.57	\$35.43
Mason .....	11.09			11.09		11.09
Meredith .....			\$1,006.00	1,006.00		1,006.00
Milford .....			1,606.50	1,606.50		1,606.50
Milton .....			766.00	766.00		766.00
Moultonboro .....			560.00	560.00		560.00
New Boston .....	2,118.20	\$653.00		2,771.20	839.94	1,931.26
Newbury .....	84.58			84.58	84.58	
Newcastle .....			317.00	317.00		317.00
Newfields .....	188.00			188.00	183.23	4.77
New Ipswich .....	1,181.00	581.00	614.00	2,376.00	623.18	1,752.82
New London .....			894.00	894.00		894.00
Newmarket .....	2,609.27	1,352.00	1,344.00	5,305.27	2,387.43	2,977.84
Newton .....		391.00	386.00	777.00		777.00
North Hampton .....	736.00	761.00		1,497.00	736.00	761.00
Nottingham .....	1.40	348.00		349.40	1.40	348.00
Orange .....		100.00	109.00	209.00		209.00
Peterboro .....	1,714.53		1,715.00	3,429.53	1,714.53	1,715.00
Piermont .....	435.00			435.00	295.00	140.00
Pittsburg .....	1,070.00	1,049.00	1,183.00	3,302.00	2,119.00	1,183.00
Plaistow .....	245.82			245.82	245.82	
Rindge .....	745.98			745.98	745.98	
Rollinsford .....	3,312.08	1,039.00	1,041.00	5,392.08	3,218.45	2,173.63
Roxbury .....	6.00			6.00		6.00
Rye .....	770.00	782.00	799.00	2,351.00	770.00	1,581.00
Salisbury .....	246.70	260.00	250.00	756.70		756.70
Sanbornton .....	677.47	418.00		1,095.47	677.47	418.00
Seabrook .....		326.00	326.00	652.00		652.00
Shelburne .....	351.02			351.02	351.02	
South Hampton .....	176.00			176.00		176.00

## STATEMENT OF PERMANENT IMPROVEMENT FUNDS

	Balance Unexpended Aug. 31, 1910	Raised 1911	Raised 1912	Total Fund	Expended Aug. 31 1910 to Aug. 31, 1912	Balance Unexpended Aug. 31, 1912
Sutton .....	\$424.49	.....	\$421.00	\$845.49	\$424.49	\$421.00
Swansey.....	.....	\$970.00	1,000.00	1,970.00	.....	1,970.00
Tamworth.....	.....	508.00	631.00	1,139.00	508.00	631.00
Wakefield.....	.....	730.00	744.00	1,474.00	315.00	1,159.00
Walpole.....	1,895.48	.....	.....	1,895.48	1,895.48	.....
Warren.....	706.00	.....	.....	706.00	706.00	.....
Waterville.....	298.00	223.00	225.00	746.00	.....	746.00
Wentworth.....	270.00	.....	.....	270.00	172.14	97.86
Westmoreland.....	.....	455.00	.....	455.00	129.81	325.19
Windham.....	.....	535.00	.....	535.00	535.00	.....
Wolfeboro .....	1,292.00	.....	.....	1,292.00	1,292.00	.....
	\$53,202.14	\$82,696.25	\$35,504.00	\$121,402.39	\$50,215.58	\$62,186.81



## Description of Roads Improved

## DESCRIPTION OF

TOWN	Built by	Year	Length Improved	Width of Hardened Surface	Class of work
Acworth.....	Town	1911	900	15	Gravel .....
Acworth.....	Town	1911	650	15	Gravel.....
Acworth.....	Town	1912	900	15	Gravel.....
Albany.....	Town	1911	3,300	15	Gravel.....
Albany.....	Town	1912	2,950	15	Gravel.....
Alexandria.....	Town	1911	2,700	15	Gravel.....
Allenstown..	Town	1911	1,100	15	Gravel .....
Allenstown.....	Town	1912	950	15	Gravel.....
Alstead .....	Town	1911	1,700	15	Gravel .....
Alstead.....	Town	1912	920	15	Gravel .....
Alstead..	Town	1912	400	15	Gravel.....
Alton.....	Town	1911	1,630	15	Gravel.....
Alton.....	Town	1912	1,640	15	Gravel.....
Andover .....	Town	1912	2,500	15	Gravel.....
Ashland.....	Town	1912	2,950	15	Gravel.....
Barnstead.....	Town	1911	2,450	15	Hard-pan.....
Barnstead.....	Town	1912	1,200	15	Gravel.....
Barrington.....	Town	1911	3,300	15	Gravel.....
Barrington.....	Town	1912	1,000	15	Gravel.....
Bartlett.....	Town	1912	7,000	15	Gravel .....
Bath.....	Town	1911	4,100	15	Gravel .....
Bath.....	Town	1912	5,700	15	Gravel .....
Bedford.....	Contract	1911	6,387	15	Native Stone Macadam.....
Bedford.....	Contract	1912	1,000	15	Trap Rock Macadam.....
Belmont.....	Town	1912	1,940	15	Gravel .....
Bennington.....	Town	1911	1,850	15	Gravel .....
Bennington.....	Town	1912	1,100	15	Gravel .....
Berlin.....	City	1911	2,371	15	Gravel .....
Bethlehem.....	Contract	1911	4,500	15	Native Stone Macadam .....
Bethlehem .....	Town	1911	5,400	21	Grading.....

## ROADS

NAME	From	To
Cold River.....	So. Acworth.....	Alstead.....
Alstead.....	So. Acworth.....	Alstead.....
Cold River.....	So. Acworth.....	Acworth.....
East Side.....	Tamworth.....	Bartlett.....
East Side.....	Tamworth.....	Bartlett.....
Main.....	Bristol.....	Danbury.....
Main.....	Allenstown.....	Deerfield.....
Main.....	Allenstown.....	Deerfield.....
Forrest.....	Alstead.....	Marlow.....
Cold River.....	Alstead.....	Acworth.....
Forrest.....	Alstead.....	Marlow.....
Main.....	New Durham.....	Gilford.....
Main.....	New Durham.....	Gilford.....
Main.....	Franklin.....	Lebanon.....
East Main Street.....	Ashland.....	Meredith.....
Valley.....	Ctr. Barnstead.....	Alton.....
Valley.....	Ctr. Barnstead.....	Alton.....
Main.....	Barrington.....	Rochester.....
Province.....	Strafford.....	Dover.....
Crawford.....	Conway.....	Crawford.....
West Side.....	Haverhill.....	Lisbon.....
West Side.....	Haverhill.....	Lisbon.....
Merrimack Valley.....	Manchester.....	Nashua.....
New Boston.....	Manchester.....	New Boston.....
Laconia.....	Laconia.....	Concord.....
Hancock.....	Bennington.....	Hancock.....
Hancock.....	Bennington.....	Hancock.....
East Side.....	Berlin.....	Colebrook.....
West Side.....	Littleton.....	Twin Mountain.....
West Side.....	Littleton.....	Twin Mountain.....

## DESCRIPTION OF

TOWN	Built by	Year	Length Improved	Width of Hardened Surface	Class of work
Bethlehem .....	Town	1912	15,729	21	Grading.....
Bow .....	Town	1911	2,700	15	Gravel .....
Bow .....	Town	1912	400	15	Gravel .....
Bow .....	Contract	1912	2,650	15	Trap Rock Macadam.....
Bradford.....	Town	1911	2,300	15	Gravel .....
Bradford.....	Town	1912	2,100	15	Gravel .....
Brentwood.....	Town	1912	1,400	15	Gravel .....
Bridgewater.....	Town	1911	1,650	15	Gravel .....
Bridgewater.....	Town	1912	1,900	15	Gravel .....
Bristol .....	Town	1911	3,000	15	Gravel .....
Bristol .....	Town	1912	1,800	15	Gravel .....
Brookline.....	Town	1911	1,375	15	Gravel .....
Brookline.....	Town	1912	1,260	15	Gravel .....
Campton .....	Contract	1911*	3,000	15	Gravel .....
Campton.....	Contract	1911	10,414	15	Gravel .....
Campton.....	Town	1912	3,150	15	Gravel .....
Canaan.....	Town	1911	2,650	15	Gravel .....
Candia.....	Contract	1912**	3,400	15	Gravel.....
Carroll.....	Town	1911	8,900	15	Gravel .....
Carroll.....	Town	1912	5,550	15	Gravel .....
Center Harbor.....	Town	1912	4,400	15	Native Stone Macadam.....
Charlestown .....	Town	1911	3,000	15	Gravel .....
Charlestown.....	Town	1912	2,300	15	Gravel .....
Chatham.....	Town	1911	1,980	15	Gravel.....
Chatham.....	Town	1912	2,210	15	Gravel .....
Chester.....	Town	1911	2,505	15	Gravel.....
Chesterfield.....	Town	1911	1,000	15	Gravel.....
Chesterfield.....	Town	1911	575	21	Grading .....
Chesterfield.....	Town	1912	2,600	21	Grading.....
Chichester.....	Town	1911	1,400	15	Gravel .....

NOTE:—\*1910 contract; \*\*Three years money.

## ROADS

Name	From	To
West Side.....	Littleton.....	Twin Mountain.....
Turnpike.....	Concord.....	Dunbarton.....
Turnpike.....	Concord.....	Dunbarton.....
River.....	Concord.....	Manchester.....
Main .....	Bradford.....	Henniker.....
Center .....	Bradford.....	Hillsboro.....
Exeter .....	Fremont.....	Raymond .....
Mayhew Turnpike.....	Bristol.....	Plymouth.....
Mayhew Turnpike .....	Bristol.....	Plymouth.....
Mayhew Turnpike .....	Bristol.....	Plymouth .....
Mayhew Turnpike .....	Bristol.....	Plymouth.....
Pepperell .....	Brookline.....	Pepperell, Mass.....
Main Street .....	Brookline.....	Pepperell, Mass.....
Merrimack Valley.....	Plymouth.....	Woodstock.....
Merrimack Valley.....	Plymouth .....	Woodstock.....
Merrimack Valley.....	Plymouth.....	Woodstock.....
Main .....	Canaan.....	Enfield.....
Main .....	Candia .....	Deerfield.....
West Side.....	Bethlehem.....	Whitefield .....
West Side.....	Bethlehem.....	Whitefield.....
Merrimack Valley.....	Meredith.....	Holderness.....
River.....	Claremont.....	Walpole.....
River.....	Claremont.....	Walpole.....
No. Chatham.....	Chatham.....	Chatham Center.....
Green Hill.....	Green Hill.....	So. Chatham.....
Chester Street .....	Chester.....	Manchester.....
Keene Hill.....	Keene.....	Brattleboro, Vt.....
Keene Hill.....	Keene.....	Brattleboro, Vt.....
Keene Hill.....	Keene.....	Brattleboro, Vt.....
Pittsfield.....	Concord.....	Pittsfield.....

## DESCRIPTION OF

TOWN	Built by	Year	Length Improved	Width of	Class of Work
Chichester.....	Town	1911	300	21	Grading.....
Chichester.....	Town	1912	900	15	Gravel.....
Claremont.....	Town	1911	1,300	15	Gravel.....
Claremont.....	Town	1911	1,450	15	Gravel.....
Claremont.....	Town	1911	650	15	Gravel.....
Claremont.....	Town	1912	1,800	15	Gravel.....
Claremont.....	Town	1912	2,950	15	Gravel.....
Clarksville.....	Town	1911	3,375	21	Grading.....
Clarksville.....	Town	1912	6,600	21	Grading.....
Colebrook.....	Town	1911	19,590	15	Gravel.....
Columbia.....	Town	1911	2,150	15	Gravel.....
Columbia.....	Town	1912	3,150	15	Gravel.....
Cornish.....	Town	1911	3,000	15	Gravel.....
Cornish.....	Town	1911	1,050	15	Gravel.....
Dalton.....	Town	1911	1,200	15	Gravel.....
Dalton.....	Town	1912	1,300	15	Gravel.....
Danville.....	Town	1911	1,300	15	Gravel.....
Danville.....	Town	1912	1,550	15	Gravel.....
Deerfield.....	Town	1911	1,400	15	Gravel.....
Deerfield.....	Town	1911	1,250	21	Grading.....
Deerfield.....	Town	1912	1,500	15	Gravel.....
Dorchester.....	Town	1911	1,100	12	Gravel.....
Dorchester.....	Town	1912	650	12	Gravel.....
Dorchester.....	Town	1912	3,600	18	Grading.....
Dover.....	City	1911	4,373	15	Trap Rock Macadam.....
Dublin.....	Town	1911	1,720	15	Hard-pan.....
Dublin.....	Town	1911	2,125	21	Grading.....
Dublin.....	Town	1912	3,650	15	Gravel.....
Dummer.....	Town	1912	6,600	15	Gravel.....
Dunbarton.....	Town	1911	3,800	15	Gravel and Hard-pan.....

## ROADS

Name	From	To
Pittsfield.....	Concord.....	Pittsfield.....
Turnpike.....	Concord.....	Pittsfield.....
Newport.....	Claremont.....	Newport.....
Unity.....	Claremont.....	Charlestown.....
West Claremont.....	Claremont.....	Windsor, V t.....
Newport.....	Claremont.....	Newport.....
Hanover Street.....	Claremont.....	Cornish.....
Pittsburg.....	Stewartstown.....	Pittsburg.....
West Road.....	Clarksville.....	W. Stewartstown.....
East Side.....	Colebrook.....	Errol.....
West Side.....	Colebrook.....	Lancaster.....
West Side.....	Colebrook.....	Lancaster.....
Stage.....	Claremont.....	Lebanon.....
River.....	Claremont.....	Lebanon.....
River.....	Lancaster.....	Littleton.....
River.....	Lancaster.....	Littleton.....
Main.....	Fremont.....	Plaistow.....
State Road.....	Danville.....	Haverhill, Mass.....
Deerfield.....	Deerfield Parade.....	Raymond.....
Deerfield.....	Deerfield Parade.....	Raymond.....
Deerfield Center.....	Deerfield Parade.....	Raymond.....
River.....	West Rumney.....	Canaan.....
River.....	West Rumney.....	Canaan.....
Mail Route.....	Dorchester.....	West Rumney.....
East Side.....	Somersworth.....	Newington.....
Main.....	Dublin.....	Marlboro.....
Main.....	Dublin.....	Marlboro.....
Main.....	Dublin.....	Marlboro.....
East Side.....	Berlin.....	Errol.....
Goffstown.....	Goffstown.....	Concord.....



## DESCRIPTION OF

TOWN	Built by	Year	Length Improved	Width of Hardened Surface	Class of Work
Dunbarton.....	Town	1912	1,825	15	Hard pan .....
Durham .....	Town	1911	700	18	Gravel and Ledge.....
Durham .....	Town	1912	400	18	Gravel .....
Easton.....	Town	1911	3,696	15	Gravel.....
Easton .....	Town	1912	5,280	18	Grading.. .....
Eaton .....	Town	1911	660	15	Gravel .....
Eaton .....	Town	1911	1,250	15	Gravel.....
Eaton ....	Town	1912	1,000	15	Gravel .....
Effingham.....	Town	1912	1,040	15	Gravel.....
Enfield.....	Town	1912	11,116	15	Gravel.....
Enfield.....	Town	1912	2,380	15	Gravel.....
Epping .....	Town	1911	2,750	15	Gravel.. .....
Epping .....	Town	1911	1,800	15	Gravel .....
Epping .....	Town	1912	1,900	15	Gravel .....
Epsom.....	Town	1911	1,350	15	Gravel.....
Epsom.....	Town	1912	2,100	15	Gravel .....
Errol.....	Town	1911	10,030	15	Gravel.....
Errol.....	Town	1912	9,240	15	Gravel .....
Farmington .....	Town	1912	1,063	15	Trap Rock Macadam.....
Fitzwilliam.....	Town	1911	1,800	15	Native Stone Macadam....
Fitzwilliam.....	Town	1912	450	15	Native Stone Macadam.....
Fitzwilliam .....	Town	1912	2,000	.....	Underdrain .....
Franklin.....	City	1911	4,625	15	Bituminous Macadam....
Franklin.....	City	1912	3,020	17	Bituminous Macadam... ..
Freedom.....	Town	1911	800	15	Gravel .....
Freedom.....	Town	1911	800	15	Gravel.....
Freedom .....	Town	1912	400	15	Gravel .....
Freedom.....	Town	1912	660	15	Gravel .....
Fremont .....	Town	1912	1,050	15	Gravel.....
Fremont .....	Town	1912	1,800	15	Gravel .....

## ROADS

Name	From	To
Goffstown .....	Goffstown.....	Concord.....
Durham Point.....	Durham.....	Newmarket.....
Durham Point.....	Durham .....	Newmarket.....
Easton .....	Franconia.....	Benton.....
Main .....	Franconia.....	Benton.....
Main .....	Conway.....	Freedom.....
Main .....	Snowville.....	Eaton Center.....
Main .....	Eaton Center.....	Brownfield, Me.....
Stage.....	Effingham Falls.....	Center Ossipee.....
West Side.....	Lebanon.....	Grantham .....
4th N. H. Turnpike.....	Lebanon.....	Springfield.....
Water Street .....	Epping .....	Exeter .....
Pleasant Street.....	Epping .....	Raymond.....
Pleasant Street .....	Epping .....	Raymond .....
Black Hill.....	Suncook.....	Pittsfield.....
Black Hill.....	Suncook.....	Pittsfield.....
East Side.....	Colebrook.....	Berlin.....
East Side.....	Colebrook.....	Berlin.....
Rochester.....	Farmington .....	Rochester.....
Depot .....	Royalston, Mass.....	Fitzwilliam.....
Depot .....	Fitzwilliam .....	Fitzwilliam Depot.....
Lower Troy Road.....	Fitzwilliam.....	Troy.....
Merrimack Valley.....	Concord .....	Franklin .....
Bristol .....	Franklin .....	Bristol.....
Portland.....	Freedom .....	Portland, Me.....
Conway.....	Freedom .....	Conway.....
Portland.....	Freedom .....	Portland, Me.....
Conway.....	Freedom .....	Conway.....
Village.....	Raymond .....	Kingston.....
Village.....	Raymond .....	Kingston.....

## DESCRIPTION OF

TOWN	Built	Year	Length Improved	Width of Hardened surface	Class of Work
Gilmanton.....	Town	1911	1,500	18	Gravel.....
Gilmanton.....	Town	1912	700	15	Gravel and ledge.....
Gilsum.....	Town	1911	2,025	15	Grading.....
Gilsum.....	Town	1912	700	15	Grading.....
Goffstown.....	Town	1911	3,000	15	Gravel.....
Goffstown.....	Town	1912	3,200	15	Gravel.....
Goffstown.....	Town	1912	1,000	21	Grading.....
Gorham.....	Contract	1911	2,100	15	Gravel.....
Gorham.....	Town	1912	4,600	15	Crushed Gravel.....
Goshen.....	Town	1911	2,500	15	Gravel.....
Goshen.....	Town	1912	1,800	15	Gravel.....
Grantham.....	Town	1911	3,705	15	Gravel.....
Grantham.....	Town	1912	7,875	15	Gravel.....
Greenland.....	Town	1911	3,205	15	Gravel.....
Greenland.....	Town	1912	1,515	15	Gravel.....
Greenville.....	Town	1911	4,500	15	Grading.....
Groton.....	Town	1911	1,000	15	Grading.....
Groton.....	Town	1912	1,200	18	Grading.....
Hampstead.....	Town	1911	1,410	15	Gravel.....
Hampstead.....	Town	1912	1,350	15	Gravel.....
Hampton.....	Town	1911	7,820	15	Gravel.....
Hampton.....	Town	1912	5,880	15	Gravel.....
Hampton Falls.....	Town	1911	5,105	15	Gravel.....
Hancock.....	Town	1912	1,000	15	Gravel.....
Hanover.....	Town	1912	1,975	15	Gravel.....
Hanover.....	Town	1912	1,725	15	Grading.....
Hanover.....	Town	1912	1,700	20	Native Stone Macadam.....
Harrisville.....	Town	1912	2,150	18	Earth.....
Haverhill.....	Town	1911	19,650	15	Gravel.....
Haverhill.....	Town	1912	19,287	15	Gravel.....
Hebron.....	Town	1912	2,244	21	Gravel.....

## ROADS

Name	From	To
Concord.....	Loudon.....	Alton.....
Laconia.....	Gilmanton.....	Laconia.....
West Side.....	Marlow.....	Keene.....
West Side.....	Marlow.....	Keene.....
Mast.....	Goffstown.....	Manchester.....
Mast.....	Goffstown.....	Manchester.....
Mast.....	Goffstown.....	Manchester.....
East Side.....	Jackson.....	Berlin.....
East Side.....	Jackson.....	Berlin.....
West Side.....	Newport.....	Lempster.....
West Side.....	Newport.....	Lempster.....
West Side.....	Newport.....	Enfield.....
West Side.....	Newport.....	Enfield.....
Exeter Road.....	Greenland.....	Exeter.....
Dover Road.....	Hampton.....	Dover.....
Fitchburg.....	Greenville.....	Fitchburg, Mass.....
Brook.....	Rumney.....	Dorchester.....
Cheever.....	No. Groton.....	Cheever.....
Main.....	Chester.....	Haverhill, Mass.....
Main.....	Chester.....	Haverhill, Mass.....
East Side.....	Hampton Falls.....	No. Hampton.....
East Side.....	Hampton Falls.....	No. Hampton.....
East Side.....	Seabrook.....	Hampton.....
Peterboro.....	Hancock.....	Peterboro.....
Greensboro.....	Hanover.....	Etna.....
Greensboro.....	Hanover.....	Etna.....
Greensboro.....	Hanover.....	Etna.....
Keene.....	Harrisville.....	Peterboro.....
West Side.....	Haverhill.....	Hanover.....
West Side.....	Haverhill.....	Hanover.....
Dugway.....	East Hebron.....	Hebron.....

## DESCRIPTION OF

TOWN	Built by	Year	Length Improved	Width of Hardened Surface	Class of Work
Henniker.....	Town	1911	2,950	15	Crushed Gravel.....
Henniker.....	Town	1912	3,275	15	Crushed Gravel.. ..
Hill.....	Town	1911	1,578	15	Gravel.....
Hill.....	Town	1912	700	15	Gravel. ....
Hillsboro.....	Contract	1911	3,800	15	Trap Rock Macadam.....
Hinsdale.....	Contract	1911	17,980	15	Native Stone Macadam.....
Hollis.....	Town	1911	2,650	15	Gravel.....
Hollis.....	Town	1912	1,725	15	Gravel.....
Hooksett.....	Contract	1911	3,580	15	Native Stone Macadam. ....
Hooksett.....	Contract	1911	3,396	15	Crushed Gravel.....
Hooksett.....	Contract	1911	1,300	15	Trap Rock Macadam.....
Hopkington.....	Town	1911	2,100	15	Native Stone Macadam.....
Hopkington.....	Town	1912	2,300	15	Native Stone Macadam.....
Hudson.....	Town	1911	2,400	15	Screened Gravel.....
Hudson.....	Town	1912	2,125	15	Screened Gravel. ....
Jackson.....	Town	1911	5,032	15	Gravel.....
Jackson.....	Town	1912	9,068	15	Gravel.....
Jefferson.....	Town	1911	3,900	15	Gravel.....
Jefferson.....	Town	1912	1,002	15	Gravel.....
Keene.....	City	1911	14,050	15	Gravel.....
Keene.....	City	1912	3,820	15	Gravel.....
Kensington.....	Town	1911	1,575	15	Gravel.. ..
Kensington.....	Town	1912	2,020	15	Gravel.....
Kingston.....	Town	1911	1,800	15	Gravel.....
Kingston.....	Town	1912	2,000	15	Gravel.....
Lancaster.....	Town	1911	7,300	15	Gravel.....
Lancaster.....	Town	1912	5,783	15	Gravel. ....
Landaff.....	Town	1911	1,700	15	Gravel.....
Landaff.....	Town	1912	1,755	15	Gravel.....
Landaff.....	Town	1912	2,026	15	Gravel.....

## ROADS.

Name	From	To
Concord.....	Henniker.....	Concord.....
Concord.....	Henniker.....	Concord.....
River.....	Hill.....	Bristol.....
River.....	Hill.....	Bristol.....
Main Street.....	Hillsboro.....	Newport.....
West Side.....	Keene.....	Northfield, Mass.....
Nashua.....	Hollis.....	Nashua.....
Nashua.....	Hollis.....	Nashua.....
Merrimack Valley.....	Manchester.....	Concord.....
Merrimack Valley.....	Manchester.....	Concord.....
Merrimack Valley.....	Manchester.....	Concord.....
Putney Hill.....	Hopkinton.....	Contoocook.....
Putney Hill.....	Hopkinton.....	Contoocook.....
Derry Road.....	Derry.....	Nashua.....
Derry Road.....	Derry.....	Nashua.....
East Side.....	Bartlett.....	Gorham.....
East Side.....	Bartlett.....	Gorham.....
Main Road.....	Lancaster.....	Bretton Woods.....
Riverton.....	Lancaster.....	Jefferson Hill.....
West Side.....	Gilsum.....	Swanzey.....
West Side.....	Gilsum.....	Swanzey.....
Main.....	Exeter.....	Amesbury, Mass.....
Main.....	Exeter.....	Amesbury, Mass.....
So. Main Street.....	Kingston.....	Plaistow.....
Church Street.....	East Kingston.....	Brentwood.....
West Side.....	Lancaster.....	Whitefield.....
West Side.....	Lancaster.....	Whitefield.....
West Side.....	Lisbon.....	Bath.....
West Side.....	Lisbon.....	Bath.....
Main.....	Lisbon.....	Landaff.....

## DESCRIPTION OF

TOWN	Built	Year	Length Improved	Width of Hardened Surface	Class of Work
Langdon.....	Town	1911	800	15	Gravel.....
Langdon.....	Town	1912	950	15	Gravel.....
Lebanon.....	Town	1912	9,897	15	Gravel.....
Lee.....	Contract	1911	1,343	15	Gravel.....
Lempster.....	Town	1911	4,550	15	Gravel.....
Lempster.....	Town	1912	5,250	15	Gravel.....
Lisbon.....	Town	1911	3,150	15	Gravel.....
Lisbon.....	Town	1912	11,859	15	Gravel.....
Litchfield.....	Town	1911	2,500	15	Gravel.....
Litchfield.....	Town	1912	2,250	15	Gravel.....
Littleton.....	Town	1911	1,750	15	Native Stone Macadam.....
Littleton.....	Town	1911	7,500	15	Gravel.....
Littleton.....	Town	1912	2,100	15	Gravel.....
Londonderry.....	Town	1911	960	15	Gravel.....
Londonderry.....	Town	1911	1,775	21	Grading.....
Londonderry.....	Town	1912	2,050	15	Gravel.....
Loudon.....	Town	1911	3,500	15	Gravel.....
Loudon.....	Town	1911	753	21	Grading.....
Lyman.....	Town	1911	390	15	Gravel and Culverts.....
Lyman.....	Town	1912	.....	.....	Culverts.....
Lyme.....	Contract	1911	29,650	15	Gravel.....
Lyme.....	Contract	1912	9,808	15	Gravel.....
Lyndeborough.....	Contract	1912	1,550	15	Gravel.....
Madbury.....	Contract	1911	1,200	21	Grading.....
Madison.....	Contract	1911	3,350	15	Gravel.....
Madison.....	Contract	1912	1,250	15	Gravel.....
Manchester.....	City	1912	4,095	32	Trap Rock Macadam.....
Marlboro.....	Town	1911	1,425	15	Native Stone Macadam.....
Marlboro.....	Town	1912	2,100	15	Native Stone Macadam.....
Marlow.....	Town	1911	1,000	21	Ledge and Grading.....



## ROADS

Name	From	To
Cold River.....	Alstead.....	So. Acworth.....
Cold River.....	Alstead.....	So. Acworth.....
West Side.....	Hanover.....	Enfield.....
Main.....	Lee.....	Madbury.....
West Side.....	Goshen.....	Marlow.....
West Side.....	Goshen.....	Marlow.....
West Side.....	Bath.....	Littleton.....
West Side.....	Bath.....	Littleton.....
River.....	Manchester.....	Hudson.....
River.....	Manchester.....	Hudson.....
West Side.....	Lisbon.....	Bethlehem.....
West Side.....	Lisbon.....	Bethlehem.....
West Side.....	Lisbon.....	Bethlehem.....
Derry.....	Nashua.....	Derry.....
Mammoth.....	Manchester.....	Lowell, Mass.....
Mammoth.....	Manchester.....	Lowell, Mass.....
New.....	Loudon Center.....	Pittsfield.....
New.....	Loudon Center.....	Pittsfield.....
Pond.....	Lisbon.....	West Littleton.....
Main.....	Lisbon.....	Parker Hill.....
West Side.....	Hanover.....	Haverhill.....
West Side.....	Hanover.....	Haverhill.....
Forrest.....	Wilton.....	Greenfield.....
Mills Hill.....	Durham.....	Rochester.....
East Side.....	Albany.....	Conway.....
Silver Lake.....	Madison.....	Silver Lake.....
Hanover Street.....	Manchester.....	Portsmouth.....
Keene.....	Dublin.....	Keene.....
Gulf.....	Keene.....	Troy.....
West Side.....	Lempster.....	Gilsum.....

## DESCRIPTION OF

TOWN	Built by	Year	Length Improved	Width of Hardened Surface	Class of Work
Marlow .....	Town	1911	12,109	.....	Culverts.....
Marlow .....	Town	1912	8,950	15	Gravel .....
Marlow .....	Town	1912	2,000	21	Grading.....
Mason .....	Town	1911	1,145	21	Grading .....
Mason.....	Town	1912	800	21	Earth and Gravel.....
Mason .....	Town	1912	300	21	Earth and gravel.....
Meredith.....	Town	1911	1,907	15	Native Stone Macadam.....
Merrimack.....	Contract	1911	15,230	15	Trap Rock Macadam. ....
Merrimack.....	Town	1912	2,142	15	Gravel.....
Middleton.....	Town	1912	1,300	15	Gravel .....
Milan.....	Town	1911	4,400	15	Gravel.....
Milan.....	Town	1912	2,880	15	Gravel.....
Milford.....	Town	1911	2,400	15	Native Stone Macadam.....
Milford.....	Town	1911	1,200	21	Grading.....
Milton.....	Contract	1911	3,500	15	Native Stone Macadam.....
Monroe.....	Town	1911	3,273	15	Gravel.....
Monroe.....	Town	1912	990	15	Gravel .....
Mont Vernon.....	Town	1911	5,000	18	Grading .....
Moultonboro.....	Town	1911	7,920	18	Grading.....
Moultonboro ...	Town	1912	2,640	18	Grading.....
Nelson .....	Town	1911	1,000	21	Grading. ....
Nelson .....	Town	1912	1,300	15	Gravel.....
New Boston. . . . .	Town	1912	810	15	Gravel and Telford.....
Newbury .....	Town	1911	2,000	15	Gravel .....
Newbury.....	Town	1912	2,000	15	Gravel .....
Newcastle.....	Town	1911	750	15	Macadam .....
New Durham.....	Town	1912	2,000	15	Gravel .....
Newfields .....	Town	1911	1,550	15	Gravel .....
Newfields .....	Town	1912	1,200	15	Gravel .....
New Hampton.....	Town	1911	2,000	15	Gravel.....

## ROADS

Name	From	To
West Side.....	Lempster .....	Gilsum.....
West Side.....	Lempster .....	Gilsum.....
West Side.....	Lempster .....	Gilsum.....
Townsend.....	Mason .....	Townsend, Mass.....
Main .....	Greenville.....	Fitchburg, Mass.....
Depot .....	Mason .....	Townsend, Mass.....
Merrimack Valley.....	Nashua .....	Woodstock.....
Merrimack Valley.....	Nashua.....	Manchester.....
Merrimack Valley.....	Nashua.....	Manchester.....
Hollow.....	Union.....	Farmington.....
East Side.....	Berlin .....	Colebrook .....
East Side.....	Berlin .....	Colebrook.....
Mont Vernon.....	Milford.....	Mont Vernon .....
Mont Vernon.....	Milford.....	Mont Vernon .....
East Side.....	Rochester.....	Wakefield.....
North Monroe.....	Monroe.....	Littleton.....
Woodsville.....	Woodsville.....	Littleton... ..
Turnpike.....	Milford.....	Fracestown.....
Stage.....	Sandwich .....	Center Harbor.....
Main .....	Moultonboro.....	Sandwich .....
Keene and Concord.....	Munsonville .....	Keene.....
Keene and Concord.....	Munsonville .....	Keene.....
River.....	New Boston.....	Goffstown.....
Main .....	So. Newbury.....	Newbury .....
Main .....	So. Newbury .....	Newbury .....
Wentworth Ave.....	Portsmouth.....	Rye .....
Bay.....	Farmington.....	Alton.....
Newmarket.....	Newfields .....	Newmarket.....
Piscassic.....	Newfields.....	Epping.....
Tilton.....	New Hampton.....	Tilton.....

## DESCRIPTION OF

TOWN	Built by	Year	Length Improved	Width of Hardened Surface	Class of Work
New Hampton.....	Town	1912	1,700	15	Gravel .....
Newington.....	Town	1911	1,950	15	Gravel .....
Newington.....	Town	1912	1,408	15	Gravel .....
New London.....	Town	1911	1,000	15	Disintegrated Stone.....
New London.....	Town	1911	2,200	15	Grading and Hard-pan.....
Newport.....	Town	1911	3,110	15	Gravel .....
Newport.....	Town	1912	6,800	15	Gravel .....
Northfield.....	Town	1911	2,350	15	Gravel .....
Northfield.....	Town	1911	800	18	Sand and Clay .....
Northfield.....	Town	1912	2,150	15	Gravel .....
Northfield.....	Town	1912	800	16	Sand and Clay.....
North Hampton.....	Town	1912	2,775	15	Gravel.....
Northumberland.....	Town	1911	4,972	15	Gravel .....
Northumberland.....	Town	1912	13,000	15	Gravel .....
Northwood.....	Town	1911	400	21	Grading.....
Northwood.....	Town	1911	500	21	Grading.....
Northwood.....	Town	1912	1,150	15	Gravel .....
Nottingham.....	Town	1912	2,325	15	Gravel .....
Orford.....	Town	1911	3,625	15	Gravel .....
Orford.....	Town	1912	6,800	15	Gravel .....
Ossipee.....	Town	1911	3,879	15	Native Stone Macadam.....
Ossipee.....	Town	1911	10,125	15	Gravel.....
Ossipee.....	Town	1912	13,318	15	Gravel .....
Pelham.....	Town	1911	1,000	15	Gravel .....
Pelham.....	Town	1911	2,028	15	Gravel .....
Pelham.....	Town	1912	675	15	Earth and Gravel.....
Pelham.....	Town	1912	2,725	15	Earth and Gravel.....
Pembroke.....	Town	1911	1,783	15	Native Stone Macadam.....
Pembroke.....	Town	1911	2,546	15	Gravel .....
Pembroke.....	Town	1912	4,020	15	Gravel .....

## ROADS

Name	From	To
Laconia.....	New Hampton.....	Laconia.....
East Side.....	Portsmouth.....	Dover.....
East Side.....	Portsmouth.....	Dover.....
Main Street.....	Wilmot.....	Sunapee.....
Main.....	Wilmot.....	Sunapee.....
West Side.....	Newport.....	Lempster.....
Sunapee.....	Newport.....	Sunapee.....
Main.....	Tilton.....	Concord.....
Gerrish.....	Franklin.....	Northfield Depot.....
Main.....	Tilton.....	Concord.....
Gerrish.....	Franklin.....	Northfield Depot.....
Main.....	Exeter.....	Little Boars Head.....
West Side.....	Lancaster.....	Colebrook.....
West Side.....	Lancaster.....	Colebrook.....
Epsom Stage.....	Concord.....	Dover.....
Northwood.....	Northwood.....	Epsom.....
Northwood.....	Northwood.....	Epsom.....
Stage.....	Northwood.....	Lee.....
West Side.....	Hanover.....	Haverhill.....
West Side.....	Hanover.....	Haverhill.....
East Side.....	Wakefield.....	Tamworth.....
East Side.....	Wakefield.....	Tamworth.....
East Side.....	Wakefield.....	Tamworth.....
Main.....	Pelham.....	Methuen, Mass.....
Main.....	Pelham.....	Lowell.....
Lowell.....	Lowell.....	Derry.....
Mammoth.....	Lowell.....	Manchester.....
Buck Street.....	Suncook.....	Epsom.....
Buck Street.....	Suncook.....	Epsom.....
Buck Street.....	Suncook.....	Epsom.....

## DESCRIPTION OF

TOWN	Built by	Year	Length Improved	Width of Hardened Surface	Class of work
Peterboro.....	Town	1911	3,400	15	Native Stone Macadam .....
Piermont.....	Town	1911	3,000	15	Gravel.....
Piermont.....	Town	1912	3,750	15	Gravel.....
Pittsfield.....	Town	1912	8,775	15	Gravel.....
Pittsfield.....	Town	1912	1,000	15	Bituminous Macadam.....
Plainfield.....	Town	1911	1,237	15	Gravel.....
Plainfield.....	Town	1911	1,200	15	Gravel.....
Plainfield..	Town	1912	960	15	Gravel.....
Plainfield.....	Town	1912	500	21	Grading.....
Plainfield.....	Town	1912	1,738	15	Gravel.....
Plaistow.....	Town	1911	3,635	15	Earth and Gravel.....
Plymouth.....	Town	1911	1,100	15	Gravel.....
Plymouth.....	Town	1911	4,073	15	Gravel.....
Plymouth.....	Town	1912	2,000	15	Gravel.....
Portsmouth.....	City	1911	5,671	15	Trap Rock Macadam.....
Portsmouth.....	City	1912	4,675	15	Trap Rock Macadam.....
Randolph.....	Town	1911	2,824	15	Gravel.....
Randolph.....	Town	1912	1,786	15	Gravel.....
Raymond.....	Town	1911	3,400	15	Gravel.....
Raymond.....	Town	1912	4,000	21	Gravel.....
Richmond.....	Town	1911	950	15	Gravel.....
Richmond.....	Town	1912	600	15	Gravel and Telford.....
Rindge.....	Town	1911	1,850	15	Gravel.....
Rindge.....	Town	1912	1,000	15	Earth.....
Rindge.....	Town	1912	3,500	15	Gravel.....
Rochester.....	Contract	1912	21,070	15	Native Stone Macadam .....
Rochester.....	City	1912	3,880	15	Gravel.....
Rochester.....	City	1912	3,500	21	Grading.....
Roxbury.....	Town	1911	700	15	Gravel.....
Roxbury.....	Town	1912	200	15	Gravel and V Drain.....

## ROADS

Name	From	To
Main and Grove Streets.....	Greenfield.....	East Jaffrey.....
West Side.....	Hanover.....	Haverhill.....
West Side.....	Hanover.....	Haverhill.....
Main Street.....	Pittsfield.....	Epsom.....
Main Street.....	Pittsfield.....	Epsom.....
Stage.....	Claremont.....	Lebanon.....
Main.....	West Lebanon.....	Cornish.....
Main.....	West Lebanon.....	Claremont.....
Main.....	West Lebanon.....	Claremont.....
Stage.....	Claremont.....	Lebanon.....
Main Street.....	East Hampstead.....	Haverhill, Mass.....
Ward Hill.....	Plymouth.....	Bristol.....
Merrimack Valley.....	Ashland.....	Woodstock.....
Baker River.....	Plymouth.....	Bristol.....
East Side.....	Rye.....	Dover.....
East Side.....	Rye.....	Dover.....
Randolph.....	Gorham.....	Jefferson.....
Randolph.....	Gorham.....	Jefferson.....
Epping.....	Raymond.....	Portsmouth.....
Epping.....	Raymond.....	Manchester.....
Athol.....	Richmond.....	Athol, Mass.....
South.....	Richmond.....	Athol, Mass.....
Old Turnpike.....	Rindge Center.....	Ashburnham, Mass.....
Mail Route.....	Keene.....	Fitchburg, Mass.....
Mail Route.....	Keene.....	Fitchburg, Mass.....
East Side.....	Someworth.....	Milton.....
East Side.....	Someworth.....	Milton.....
East Side.....	Someworth.....	Milton.....
North Branch.....	East Sullivan.....	Keene.....
Concord.....	Keene.....	East Sullivan.....



## DESCRIPTION OF

TOWN	Built by	Year	Length Improved	Width of	Class of Work
Runney.....	Town	1911	2,500	15	Gravel .....
Runney.....	Town	1912	3,300	15	Gravel.....
Salem .....	Contract	1912	5,000	21	Grading.....
Sanbornton.....	Town	1912	1,700	15	Gravel.....
Sanbornton.....	Town	1912	1,700	15	Gravel.....
Sandown.....	Town	1911	500	15	Gravel.....
Sandown.....	Town	1911	870	21	Grading .....
Sandown .....	Town	1912	1,635	15	Gravel.....
Sandwich.....	Town	1911	2,340	15	Gravel.....
Sandwich .....	Town	1911	1,450	15	Gravel .....
Sandwich .....	Town	1912	1,200	15	Gravel .....
Sandwich .....	Town	1912	685	15	Gravel.....
Sandwich .....	Town	1912	850	15	Gravel .....
Sharon.....	Town	1911	3,700	21	Grading.....
Sharon.....	Town	1912	3,300	21	Grading.....
Shelburne.....	Town	1911	1,137	15	Gravel.....
Shelburne.....	Town	1912	1,584	15	Gravel .....
Somersworth .....	City	1911	1,425	15	Trap Rock Macadam.....
Springfield.....	Town	1911	800	15	Telford and Hard-pan.....
Springfield.....	Town	1912	1,485	21	Grading .....
Springfield .....	Town	1912	1,485	21	Grading.....
Stark .....	Town	1911	2,000	15	Gravel .....
Stark.....	Town	1912	1,610	15	Gravel .....
Stewarts own.....	Town	1911	500	15	Gravel.....
Stewartstown.....	Town	1911	3,000	15	Gravel... ..
Stewartstown .....	Town	1912	3,633	21	Grading .....
Stoddard.....	Town	1911	2,425	21	Grading. ....
Stoddard.....	Town	1912	400	.....	Grading and three culverts.
Strafford.....	Town	1911	550	15	Gravel .....
Strafford.....	Town	1911	400	15	Gravel .....

## ROADS

Name	From	To
West Rumney.....	Rumney.....	Wentworth.....
Depot.....	Rumney.....	Plymouth.....
Brady Avenue.. ..	Methuen, Mass.....	Windham.....
Franklin.....	Sanbornton.....	Franklin.....
Bay.....	Sanbornton.....	Laconia.....
Haverhill.....	Sandown.....	Haverhill, Mass.....
Haverhill.....	Sandown.....	Haverhill, Mass.....
Hunt.....	Chester.....	Haverhill, Mass.....
No. Sandwich.....	Center Sandwich.....	W. Ossipee.....
Whiteface.....	No. Sandwich.....	Whiteface.....
Whiteface.....	No. Sandwich.....	Whiteface.....
Main.....	No. Sandwich.....	W. Ossipee.....
Main.....	Sandwich.....	Moultonboro.....
Peterboro.....	Peterboro.....	New Ipswich.....
Peterboro.....	Peterboro.....	New Ipswich.....
Main.....	Gorham.....	Gilead, Me.....
Main.....	Gorham.....	Gilead, Me.....
East Side.....	Dover.....	Rochester.....
New London.....	New London.....	Enfield.....
Turnpike.....	West Andover.....	West Springfield.....
New London.....	New London.....	Enfield.....
South.....	Groveton.....	Berlin.....
South.....	Groveton.....	Berlin.....
Main.....	Stewartstown.....	Canaan, Vt.....
River.....	Colebrook.....	West Stewartstown.....
Hollow.....	Colebrook.....	Dimond Pond.....
Forrest.....	Hancock.....	Stoddard.....
Forrest.....	Hancock.....	Stoddard.....
Bow Lake.....	Ctr. Strafford.....	Rochester.....
Strafford Corner.....	Ctr. Strafford.....	Rochester.....

## DESCRIPTION OF

TOWN	Built	Year	Length Improved	Width of Hardened Surface	Class of Work
Stratford.....	Town	1912	1,350	15	Gravel.....
Stratford.....	Town	1911	6,175	15	Gravel.....
Stratford.....	Town	1912	9,500	15	Gravel.....
Stratham.....	Town	1911	2,645	15	Gravel.....
Sullivan.....	Town	1911	538	15	Gravel.....
Sullivan.....	Town	1912	1,150	21	Grading..
Sunapee.....	Town	1911	800	15	Gravel.....
Sunapee.....	Town	1911	2,965	15	Gravel.....
Sunapee.....	Town	1912	3,100	15	Gravel.....
Surry.....	Town	1911	1,750	15	Gravel.....
Surry.....	Town	1912	900	15	Gravel.....
Sutton.....	Town	1911	1,500	15	Hard-pan.....
Swanzy.....	Town	1912	600	15	Gravel.....
Temple.....	Town	1911	710	15	Gravel.....
Temple.....	Town	1911	650	21	Grading.....
Temple.....	Town	1912	500	21	Grading.....
Temple.....	Town	1912	550	15	Gravel.....
Thornton.....	Town	1911	6,800	15	Gravel.....
Thornton.....	Town	1912	2,800	15	Gravel.....
Tilton.....	Contract	1911	5,100	15	Native Stone Macadam....
Tilton.....	Contract	1912	8,598	15	Native Stone Macadam....
Troy.....	Town	1911	1,175	15	Native Stone Macadam....
Troy.....	Town	1912	1,150	15	Native Stone Macadam....
Troy.....	Town	1912	1,450	15	Native Stone Macadam....
Troy.....	Town	1912	870	15	Gravel.....
Tuftenborough.....	Town	1911	3,400	15	Gravel.....
Tuftenborough.....	Town	1912	2,980	15	Gravel.....
Unity.....	Town	1911	600	.....	Retaining Wall.....
Unity.....	Town	1912	1,537	15	Gravel.....
Wakefield.....	Town	1912	1,990	15	Gravel.....

## ROADS

NAME	From	To
Bow Lake.....	Ctr. Strafford.....	Rochester.....
West Side.....	Lancaster.....	Colebrook.....
West Side.....	Lancaster.....	Colebrook.....
Portsmouth Ave.....	Portsmouth.....	Exeter.....
Main.....	Keene.....	Concord.....
West.....	Sullivan Center.....	Keene.....
George's Mills.....	Sunapee.....	New London.....
George's Mills.....	Sunapee.....	New London.....
George's Mills.....	Sunapee.....	New London.....
Main.....	Keene.....	Gilsum.....
Main.....	Keene.....	Gilsum.....
Stage.....	New London.....	Bradford.....
West Side.....	Hinsdale.....	Keene.....
Main.....	Temple.....	Lyndeboro.....
Main.....	Temple.....	Lyndeboro.....
Main.....	Temple.....	Greenville.....
Main.....	Temple.....	Greenville.....
Merrimack Valley.....	Plymouth.....	Woodstock.....
Merrimack Valley.....	Plymouth.....	Woodstock.....
Merrimack Valley.....	Franklin.....	Laconia.....
Merrimack Valley.....	Franklin.....	Laconia.....
Fitzwilliam.....	Troy.....	Fitzwilliam.....
Keene.....	Troy.....	Keene.....
Keene.....	Troy.....	Keene.....
Keene.....	Troy.....	Keene.....
South.....	Wolfeboro.....	Melvin Village.....
South.....	Wolfeboro.....	Melvin Village.....
Claremont.....	Lempster.....	Claremont.....
Stage.....	Newport.....	Lempster.....
East Side.....	Milton.....	Ossipee.....

## DESCRIPTION OF

TOWN	Built by	Year	Length Improved	Width of Hardened Surface	Class of work
Walpole.....	Town	1911	3,340	15	Gravel.....
Walpole.....	Town	1911	1,000	15	Gravel.....
Walpole.....	Town	1911	1,200	15	Gravel.....
Walpole.....	Town	1912	1,600	21	Grading.....
Walpole.....	Town	1912	2,038	15	Gravel.....
Warner.....	Contract	1911	2,400	15	Gravel.....
Warner.....	Town	1911	1,000	15	Gravel.....
Warner.....	Contract	1912	1,000	15	Gravel.....
Warner.....	Town	1912	3,450	15	Gravel.....
Warren.....	Town	1911	1,200	15	Gravel.....
Warren*.....	Town	1911	2,650	15	Gravel.....
Warren.....	Town	1912	2,260	15	Gravel.....
Washington.....	Town	1911	900	21	Grading.....
Washington.....	Town	1912	1,700	15	Earth.....
Weare.....	Town	1911	2,990	15	Native Stone Macadam.....
Weare.....	Town	1912	400	21	Grading.....
Weare.....	Town	1912	4,300	15	Gravel.....
Webster.....	Town	1911	2,400	15	Gravel.....
Webster.....	Town	1912	1,350	15	Gravel.....
Webster.....	Town	1912	1,300	15	Gravel.....
Wentworth.....	Town	1911	4,800	15	Gravel.....
Wentworth.....	Town	1912	2,050	15	Gravel.....
Wentworth Location.	Town	1911	300	15	Gravel.....
Wentworth Location.	Town	1912	1,300	15	Gravel.....
Westmoreland.....	Town	1911	1,400	21	Grading.....
Westmoreland.....	Town	1912	1,400	15	Gravel.....
Westmoreland.....	Town	1912	650	15	Gravel.....
Whitefield.....	Town	1911	9,390	15	Gravel.....
Whitefield.....	Town	1912	500	15	Gravel.....
Wilmot.....	Town	1911	1,000	15	Gravel and Hard-pan.....

\*Permanent Improvement money used with 1911 Appropriation

## ROADS

Name	From	To
Lower.....	Walpole.....	Bellows Falls, Vt.....
Church Street.....	No. Walpole.....	Charlestown.....
Lower.....	Walpole.....	Bellows Falls.....
River.....	Walpole.....	Charlestown.....
River.....	Walpole.....	Charlestown.....
Main.....	Concord.....	Bradford.....
Main.....	Concord.....	Bradford.....
Main.....	Concord.....	Bradford.....
Main.....	Concord.....	Bradford.....
Main.....	Warren.....	Woodstock.....
Main.....	Plymouth.....	Haverhill.....
Main.....	Warren.....	Haverhill.....
East Washington.....	Hillsboro.....	Bradford.....
Turnpike.....	Washington.....	Hillsboro.....
Center.....	Goffstown.....	No. Weare.....
Riverdale.....	Manchester.....	Hillsboro.....
Riverdale.....	Manchester.....	Hillsboro.....
Main.....	Swett's Mills.....	Hopkinton.....
Corser Hill.....	Corser Hill.....	Boscawen.....
Contoocook.....	Snyder's Mills.....	Hopkinton.....
River.....	Plymouth.....	Haverhill.....
River.....	Plymouth.....	Haverhill.....
Magalloway.....	Errol.....	Magalloway.....
Magalloway.....	Errol.....	Magalloway.....
River.....	Westmoreland Depot.....	Park Hill.....
River.....	Walpole.....	Chesterfield.....
Summit.....	Walpole.....	Keene.....
West Side.....	Lancaster.....	Carroll.....
West Side.....	Lancaster.....	Carroll.....
Stage.....	Potter Place.....	New London.....

## DESCRIPTION OF

TOWN	Built	Year	Length Improved	Width of Hardened Surface	Class of Work
Wilmot.....	Town	1912	1,850	15	Gravel.....
Wilton .....	Town	1911	2,634	15	Gravel.....
Wilton .....	Town	1911	300	21	Grading.....
Wilton .....	Town	1912	3,250	15	Gravel .....
Winchester.....	Town	1911	700	15	Screened Gravel .....
Winchester.....	Contract	1911	525	15	Native Stone Macadam .....
Winchester.....	Town	1912	3,160	15	Gravel.....
Winchester .....	Town	1912	17,000	.....	Drainage .....
Windham.....	Town	1911	1,584	15	Gravel. ....
Windsor.....	Town	1911	885	15	Gravel.....
Wolfeboro .....	Town	1911	700	15	Gravel.....
Wolfeboro .....	Town	1912	5,940	15	Gravel.....
Wolfeboro .....	Town	1912	1,815	15	Native Stone Macadam .....
Woodstock.....	Town	1911	11,295	15	Gravel.....
Woodstock.....	Town	1912	8,505	15	Gravel.....



## ROADS

Name	From	To
Stage.....	Potter Place.....	New London.....
Forest.....	Wilton .....	Lyndeboro.....
Forest.....	Wilton.....	Lyndeboro.....
Forest.....	Wilton .....	Lyndeboro.....
West Side.....	Hinsdale.....	Swanzey.....
West Side.....	Hinsdale.....	Swanzey.....
West Side.....	Hinsdale.....	Swanzey.....
West Side.....	Hinsdale.....	Swanzey.....
Mammoth.....	Lowell .....	Manchester.....
2nd N. H. Turnpike .....	Hillsboro.. ..	Washington.....
East Side.....	Wakefield.....	Ossipee.....
East Side.....	Wakefield.....	Ossipee.....
South Main.....	Wolfeboro .....	Alton.....
Merrimack Valley.....	Thornton.....	Lincoln.....
Merrimack Valley.....	Thornton.....	Lincoln.....



# MAP OF

# NEW

# HAMPSHIRE



TRUNK LINES shown in black  
PORTION OF TRUNK LINES BUILT shown in red  
STATE HIGHWAY shown in red









REPORTS  
OF THE TRUSTEES OF THE  
STATE LIBRARY  
AND THE  
STATE LIBRARIAN

FOR THE PERIOD BEGINNING SEPTEMBER 1, 1910,  
AND ENDING AUGUST 31, 1912.

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VOLUME IX — PART II



PRINTED BY THE JOHN B. CLARKE CO. MANCHESTER  
BOUND BY THOMAS W Cragg CONCORD

## STATE LIBRARY.

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### *Trustees.*

WILLIAM D. CHANDLER, Concord, *Chairman.*

Term of office ends November 10, 1914.

WILLIAM F. WHITCHER, Woodsville.

Term of office ends November 13, 1912.

WILLIAM J. STARR, Manchester.

Term of office ends December 8, 1913.

### *Librarian.*

ARTHUR H. CHASE, Concord. Appointed January 1, 1895.



## REPORT OF THE TRUSTEES.

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OFFICE OF THE TRUSTEES OF THE STATE LIBRARY,  
CONCORD, N. H., August 31, 1912.

*To His Excellency the Governor:*

We, the Trustees of the State Library, herewith submit our report for the biennial period ending August 31, 1912.

All matters of administration of the Library are fully set forth in the report of the State Librarian, submitted herewith, and we earnestly commend that report to careful consideration.

It has been our custom in the past to file with the committee on appropriations of the House of Representatives a written brief, setting forth the financial condition of the Library and its needs. We purpose this year to devote our report to such a brief, believing that, not the committee on appropriations alone, but every member of the legislature should be frankly and fully informed upon this matter.

### FINANCES OF THE LIBRARY.

*Salaries.* The appropriation for salaries for 1911/12 was \$6,190.00 and for 1912/13 was \$6,240.00. The salaries in this institution at the present time range much lower than those in other state libraries of the same class, as well as those in other departments of our own state. In order that the Trustees may be in a position to properly recognize efficient work and length of service, there should be a slight growth in this appropriation from year to year. We therefore respectfully recommend the following appropriations for salaries for the coming fiscal years: 1913/14, \$6,360.00 and 1914/15, \$6,480.00.

*Books, periodicals and binding.* Other state libraries of the same high class as ours are, as a rule, receiving from the state for the purchase of books and periodicals and the doing of necessary current binding, at least \$7,500.00. This sum would be none too large to keep this Library fully abreast of the times in all reference departments, but we feel that at the present time money is more urgently needed for other purposes, spoken of under "Encouragement of public libraries," and we therefore ask only that this appropriation be kept at the same figures as during the last two years, namely, for 1913/14, \$6,000.00, and for 1914/15, \$6,000.00.

*Maintenance of building.* Expenses in this department vary little from year to year. We recommend a slight increase for the coming fiscal years as a matter of precaution against unforeseen contingencies, and suggest that the appropriations for this department be for 1913/14, \$3,250.00, and for 1914/15, \$3,250.00.

*Maintenance of library.* Expenses in this department vary more than in any other, being affected by the need for shelving, supplies, express, trucking and freight charges, printing, and other items, all of which are variable quantities. As evidence of this, we call attention to the fact that while in 1910/11 we found it necessary to spend practically the entire appropriation, in 1911/12 we were able to save for the state, \$712.73 of the amount appropriated. We therefore recommend that the appropriation for this department be placed at the same figure as for the last fiscal year, namely, for 1913/14, \$2,260.00, and for 1914/15, \$2,260.00.

*Expenses of trustees.* This item of expense seldom runs over \$100.00, yet it seems the part of wisdom to appropriate \$150.00 per year as heretofore.

*Encouragement of public libraries.* In the report of the librarian a clear, concise statement will be found of the duty of the state toward the public libraries. We heartily approve of the conclusions there reached. We believe the

time to be ripe for a definite movement toward the encouragement and aid of these important institutions. The last legislature made a beginning by appropriating \$250.00 per year for the publication of a quarterly library bulletin. This appropriation should be continued. Since 1891 there has been upon our statute books a law providing that the state shall present \$100.00 worth of books to each new public library established in towns not then having a public library. Since 1909 we have not been able to carry out this statute because of lack of appropriation, although two libraries have been established that are entitled to such gift. Two hundred dollars per year for the next two years should be appropriated for this purpose. For the purpose of work among and encouragement to public libraries, as set forth in the Librarian's report, we believe it to be urgently required that an appropriation of \$1,000.00 per year for the next two years be made, and we so recommend.

In making these estimates we have made no attempt whatever to swell the appropriations upon the theory that the legislature is bound to cut them down. The figures as set forth above represent our fair and conservative judgment as to the actual financial needs of state and public library work in this state for the coming two years. Any paring down of appropriations below these estimates will, in our opinion, not only seriously cripple the library movement for the present, but will make necessary at some date in the near future the expenditure of much larger sums. Economy always dictates a middle course between gross extravagance and short-sighted frugality.

The amount appropriated in any case should have no influence upon the judgment of persons administering finances. We have always followed the policy of considering the actual needs of the library, and the fact that there was plenty of money in an appropriation has never had an influence upon our decision to do things. We therefore take this occasion to assure Your Excellency, and through you, the legislature of the state, that we will care-

fully and economically administer the finances of this institution, and save for the state all moneys possible out of the appropriations made.

We submit the following recapitulation of estimates as recommended:

#### RECAPITULATION.

	1913/14.	1914/15.
Salaries .....	\$6,360.00	\$6,480.00
Books, etc .....	6,000.00	6,000.00
Expenses of Trustees.....	150.00	150.00
Maintenance of building.....	3,250.00	3,250.00
Maintenance of Library.....	2,260.00	2,260.00
	<hr/>	<hr/>
	\$18,020.00	\$18,140.00

#### *Public Libraries.*

Bulletin .....	\$250.00		
\$100 of books.....	200.00		
General work.....	1,000.00		
	<hr/>	1,450.00	1,450.00
		<hr/>	<hr/>
		\$19,470.00	\$19,590.00



## REPORT OF THE LIBRARIAN.

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OFFICE OF THE STATE LIBRARIAN,  
CONCORD, N. H., August 31, 1912.

### *To the Trustees:*

The Librarian presents the following report of the State Library for the twenty-four months ending August 31, 1912:

### GROWTH OF THE LIBRARY.

The accessions of bound volumes to the library for the biennial period has been 8,820 books, making the total number of bound volumes upon the shelves at this date 142,430.

Unbound material coming into the library during the last two years has exceeded that already bound, and we have been unable to appropriate sufficient money for binding to bind all such material. The consequence is that unbound material has probably been increased by at least 10,000 pieces.

### CATALOGUING.

Through the efficient work of Miss Anne M. Hurd, all bound and unbound volumes coming into the library have been catalogued and in addition much analytical work been done. The catalogue at the present time is very complete, both on the author and on the subject side, and it is seldom that any difficulty arises in finding material asked for.

## THE LAW DEPARTMENT.

Following out the policy adopted by the trustees eighteen years ago, this department of the library is given first place in importance. The aim is to provide for the courts and attorneys of the state a complete collection of published works. Many law books are received regularly under exchange arrangements with the United States and the various state governments. Wherever possible, such exchange arrangements are made.

When books cannot be obtained in this way, they are purchased from those who will grant the most favorable terms. We are at present purchasing legal text-books, digests and revisions of statutes from Callaghan & Co., of Chicago, under an arrangement whereby all such publications are sent us with the privilege of examination and the return of such as we do not find necessary for the library.

## THE HISTORICAL DEPARTMENT.

This department, which includes both local history and genealogy, has grown rapidly during the last two years, and is today the most complete in New England outside of eastern Massachusetts. Its installation upon the new shelving in the room formerly used as an art gallery has greatly facilitated its use. The constant use that is made of it by patrons from all parts of the state justifies the policy of the trustees in making it second in importance only to the law department.

## PERIODICALS.

Experience teaches that we are able to answer more of the questions asked us through articles in periodicals that are indexed in Poole's Index than from any other source. We have therefore continued the work of completing incomplete sets and of obtaining sets not already upon the shelves.

The progress already made warrants the prediction that we shall within the next five years have upon the shelves practically all of the Poole list of periodicals.

#### OTHER DEPARTMENTS.

While the growth in the other departments is slower than in those already mentioned, the policy pursued is that of purchasing all notable reference works having to do with subjects that are within the scope of the library.

Owing to lack of funds, these departments cannot be developed as rapidly as they should, but the probable demands upon the library are kept constantly in mind, and preparation to meet these demands made so far as circumstances will permit.

#### LEGISLATIVE REFERENCE DEPARTMENT.

With a view to testing the usefulness of a legislative reference department as a separate collection of the library, we devoted one alcove to such a department during the legislature of 1911. Collections of books and lists of magazine articles upon all important subjects coming before the legislature were grouped in that alcove, and the legislators cordially invited to make use of them. The result was disappointing in every way, and the conclusion was reached with regret that the patronage did not warrant the time and work involved. Experience showed that we could better serve such members of the legislature as availed themselves of our facilities by special work upon each question as it was presented to us.

The decision reached is that our legislature is not yet ready for this department.

#### VACUUM CLEANER.

There has been added to the equipment of the library a vacuum cleaner of tested value and capacity to keep building and books clean. The results thus far reached

show that this is one of the most important improvements made in the equipment of the building. Fine dust is the worst enemy of the book. Its removal from the building instead of stirring it up only to have it settle elsewhere will enable us to keep the building and its contents in far better condition than heretofore.

As a beginning to this end, we are at present cleaning every book and shelf in the library with the vacuum cleaner.

#### LIBRARY HOURS.

The Governor and Council recently recommended that clerical assistance in the different state departments be placed upon a forty-hour per week basis. In view of this recommendation, it seems proper, at this time, to make a statement of the facts with reference to hours of work in this library.

For the past eighteen years it has been the rule that the library be open on each day, except Sundays and holidays, from 8.30 A.M. to 5 P.M. It is so open on Saturdays as well, except afternoons during the months of June, July, August and September. One or more assistants are required to be in the library at all times during the above hours, and in addition are expected to stay after five o'clock P.M. if any patron signifies a wish to remain after that hour.

The salaries of clerical assistants in this library are materially lower than the salaries of assistants in other libraries of the same class who are doing the same work, and they are also materially lower than salaries in other state departments of this state.

Clerical assistants in this library are required to work thirty-six and two thirds hours per week (a little less than a seven-hour day). Under the rules of the library they are obliged to keep an accurate record of all time out, whether it be ten minutes or a half day, and to make up that time or have it deducted from their salary.

Under these conditions, it does not appear that a change

in hours can justly be made without also making changes in salaries and other conditions.

#### RULES OF THE LIBRARY.

About a year ago the trustees placed in operation a set of written rules in which the duties of each member of the working force of the library were fully defined. These rules have proved to be very beneficial, both to the library and to the working force. Under them it is possible to keep the work of the library much more nearly up to date, and the assistants take personal pride in seeing that all the duties allotted to them are well and speedily performed.

These rules emphasize the facts that for the successful administration of a library there must be a definite place for everything, and everything must be kept in that place, and further that there are certain definite duties to be performed day after day, and someone must be made responsible for and faithfully carry out each of those duties. They also emphasize the fact that each member of the library force is here to do his or her full duty to every patron of the institution, prominent features of said duty being a cordial courteousness to all and an earnest effort to furnish all information asked for by patrons of the library.

#### BULLETIN.

The last legislature made an appropriation for the publication of the Bulletin of the New Hampshire Public Libraries, publication of which was stopped some years ago for want of funds. Publication was resumed with the September, 1911, number. The Bulletin is issued quarterly in March, June, September and December of each year. The trustees have adopted the policy of having three of the librarians of public libraries in the state associated with the State Librarian in its editorship. The aim is to print in each number papers, hints and news that shall be helpful to the small public libraries of the state. The Bulletin is

entered as second-class matter at the post-office in Concord. Its circulation is about five hundred copies.

#### REPAIR OF THE ROOF.

The last legislature appropriated money for the further repair of the roof over the east wall of the building. An expert was engaged to make a careful examination of the roof, and he recommended certain repairs, which were made. The result seems to be entirely successful, as up to the present time there is no sign of leakage. If it is found, after sufficient time has elapsed, that the leak is entirely stopped, it will become necessary to have the inside of the east wall of the study hall done over. I recommend, however, that this be delayed until we can be sure that there will be no further trouble with leakage.

#### PUBLIC LIBRARIES.

There was a time when New Hampshire ranked first among the states in the public library movement. Twenty years have passed, and today, I am obliged to say with deep regret that our state is near the bottom of the list.

While other states have been constantly developing their public library system and spending more and more money for its needs, our state has fallen back from the stand it took in 1891, and is now doing nothing and appropriating no money in the premises.

Every New England state, to go no farther away from home, has a system of public library aid, supervision and encouragement that should put us to shame. Travelling libraries are being sent broadcast over those states. Library visitors are going about constantly, giving aid and advice, making suggestions, creating popular sentiment in favor of the library, and bringing about helpful coöperation between the library and the people of the town, while we are at a standstill, and our small public libraries are rapidly degenerating into mere collections of useless books read by a few indifferent patrons.



The purpose of this article is not to censure anybody for the past, but to frankly acknowledge the present condition, and create a determination to remedy it for the future.

How shall a beginning be made? Let the trustees of the State Library be given authority to employ a person to visit the libraries of the state, to examine into their condition and the conditions in the town in which they are, to advise with and give such aid to all librarians as the conditions demand, and in every way to encourage, help and foster these institutions which have been started by state law. Without in any degree assuming to have the least authority over the administration of any public library, such a library visitor by kindly interest and help, freely given, with no hint of dictation, will gradually gain the confidence, the trust and the friendship of librarians. Suspicions of an intention to interfere will vanish and an interest in his or her suggestions will appear, to be rapidly followed by enthusiastic approval and a determination to profit by them. Thus a new era will begin for that library through the ties of comradeship formed and the arousing of new ideas, and the result to the community and the state will be far in excess of the money invested.

All opposition to this plan in the past has been centered upon two ideas, first, that there was an intent on the part of the state to usurp some of the powers and privileges of towns with reference to the public library, and, second, that the move was being made to create an office for somebody. Both are absolutely without foundation. In case legislation is enacted making possible progress along these lines, the state will generously offer its good offices but will never presume to dictate. So far away from any idea of creating an office are the friends of this measure, that they have never given that matter a thought; but rather have devoted much of their time and considerable money conscientiously and unselfishly to this matter, because they believe that it is a duty which the state owes to the library movement.



To try this experiment, if a matter which has proved itself good in many other states can be called an experiment, will not require a large sum, especially when one considers that it is to serve some two hundred libraries in whom every resident of the state should be interested. Surely the example set by other states, and the probable beneficent result of such action by this state, more than warrant a trial. I therefore hope that the trustees will be authorized by the coming legislature to enter upon such work, and that an appropriation of at least \$1,000.00 will be made for such purpose.

In closing, I wish to commend the high standard of work of my assistants. One and all show a loyalty to the institution and a desire to do all in their power toward its success that is very gratifying. It is an inspiration to one having the responsibility for its making good upon his shoulders to feel that his assistants have the same enthusiasm as himself.

## FINANCIAL STATEMENT, 1910-1911.

### MAINTENANCE OF BUILDING.

Coal and wood.....	\$609.60	
Electricity .....	187.73	
Gas .....	49.75	
Repairs .....	348.88	
Salaries—janitors .....	1,581.00	
Sundries .....	97.15	
Supplies .....	50.43	
Water rates .....	38.00	
	<hr/>	\$2,962.54

### MAINTENANCE OF LIBRARY.

Salary of librarian.....	\$2,550.00	
Salaries of assistants.....	3,490.00	
Binding .....	1,164.80	
Books .....	3,363.80	
Expenses of trustees.....	83.55	
Printing blanks .....	71.54	
Printing report .....	64.48	
Periodicals .....	418.88	
Express .....	152.33	
Supplies .....	1,183.61	
Postage .....	70.00	
Telephone .....	83.78	
Sundries .....	295.41	
Trucking freight .....	58.59	
	<hr/>	\$13,050.77
		<hr/>
		\$16,013.31

## FINANCIAL STATEMENT, 1911-1912.

### MAINTENANCE OF BUILDING.

Coal and wood.....	\$267.48	
Electricity .....	143.54	
Gas .....	37.50	
Repairs .....	677.98	
Salaries—janitors .....	1,722.50	
Sundries .....	70.55	
Supplies .....	144.99	
Water rates .....	34.42	
	<hr/>	\$3,098.96

### MAINTENANCE OF LIBRARY.

Salary of librarian.....	\$2,500.00	
Salaries of assistants.....	3,608.20	
Binding .....	247.91	
Books .....	5,349.96	
Expenses of trustees.....	31.63	
Printing blanks .....	29.75	
Periodicals .....	400.05	
Express .....	218.27	
Supplies .....	1,003.37	
Postage .....	172.00	
Telephone .....	4.95	
Sundries .....	71.94	
Trucking and freight.....	52.93	
	<hr/>	\$13,690.96
Repair of roof.....		500.00
Publication of bulletin.....		187.89
		<hr/>
		\$17,477.81

## STATE LIBRARIES.

Name.	Librarian
Acworth, Silsby Free Public.....	Helen Anita Neal.
Albany, No library.	
Alexandria, Haynes .....	Mrs. C. A. G. Bullock.
Allenstown, Public.....	Ariannah W. Sullivan.
Alstead, Town.....	Harriet G. Brown.
Alton, Free Public.....	
Amherst, Town.....	Alice M. Wyman.
Andover, Andover Public.....	Caroline E. Morton.
Antrim, James A. Tuttle Memorial...	Sarah M. Adams.
Ashland, Town .....	Mrs. L. A. Dearborn.
Atkinson, Kimball Free Public.....	Mrs. Alice F. Gilbert.
Auburn, Griffin Free Public.....	Frances A. Griffin.
Barnstead, Free Public.....	Myra A. George.
Barrington, No library.	
Bartlett, Free Public.....	Della George.
Bath, Free Public.....	Annie M. Hibbard.
Bedford, Woodbury Public.....	Minnie F. King.
Belmont, Public.....	Ruby E. Lyford.
Bennington, G. E. P. Dodge Public..	Edith L. Lawrence.
Benton, Town .....	Caroline W. Young.
Berlin, Free .....	Adria A. Hutchinson.
Bethlehem, No library.	
Boscawen, Town.....	Mrs. Eliza J. Brent.
Bow, Library being established.	
Bradford, Free.....	Mrs. Oi Hall.
Brentwood, Public .....	Mrs. Mabel G. Snyder.
Bridgewater, Free Public.....	C. H. Marston.
Bristol, Minot-Sleeper.....	Mary A. Dodge.
Brookfield, Public.....	Mary E. Colman.
Brookline, Public .....	Ellen W. Tucker.
Campton, Free.....	
Canaan, Town .....	Emma Bell.
Candia, Smyth Public.....	Frank E. Page.
Canterbury, Town .....	Elizabeth F. Houser.
Carroll, Twin Mountain.....	Hattie M. Howe.
Centre Harbor, Nichols Memorial...	Lizzie M. Webster.
Charlestown, Silsby Free.....	Anna Louise Webber.

Name.	Librarian
Chatham, No library.	
Chester, Free Public.....	Isabelle H. Fitz.
Chesterfield, Free Public.....	Mrs. C. D. York.
Chichester, Free Public.....	Julia E. Langmaid.
Claremont, Fiske Free.....	Abbie Field.
Clarksville, Free Public.....	Mabel Young.
Colebrook, Public.....	Sarah E. Rolfe.
Columbia, Public.....	L. May Luey.
Concord, Public.....	Grace Blanchard.
"    State .....	Arthur H. Chase.
"    N. H. Hist. Society.....	Edith S. Freeman.
Conway, Free Public.....	Nina B. Hiscock.
"    North Conway Public....	Grace W. Barker.
Cornish, Free Public.....	O. A. Kelley.
Croydon, Town.....	K. C. Prescott.
Dalton, Free Public.....	Blanche E. Emerson.
Danbury, George Gamble.....	Mildred R. Hillsgrove.
Danville, Public.....	P. Forest Collins.
Deerfield, Philbrick-James.....	C. E. Legro.
Deering, Free Town.....	Eva E. Ellsworth.
Derry, Derry Public.....	Elsie Gaskin.
Derry, East, Taylor.....	C. Louise Bachelder.
Dorchester, No library.	
Dover, Public.....	Caroline H. Garland.
Dublin, Public .....	Minnie E. Leffingwell.
Dummer, No library.	
Dunbarton, Free.....	Ruth G. Emerson.
Durham, Hamilton Smith Public....	Mabel Hodgkins.
East Kingston, Free Public.....	Annie M. Buswell.
Easton, Free Public.....	Katherine L. Bowles.
Eaton, Free Public.....	Clark Stanley.
Effingham, Free Public.....	Albert N. Gould.
Ellsworth, No library.	
Enfield, Public.....	Ella M. Pattee.
Epping, Free Public.....	Fannie E. Osgood.
Epsom, Public.....	Helen Towle.
Errol, Free Public.....	Mary E. Davis.
Exeter, Public.....	Carrie W. Byington.
"    Phillips-Exeter Academy...	Mabel Cilley.
Farmington, Public .....	Emily Goodwin.
Fitzwilliam, Town .....	Annie L. Colby.
Franeestown, Town.....	Mrs. James T. Woodbury.
Franconia, Free Public.....	Daisy E. Woodward.

Name.	Librarian
Franklin, Franklin Public.....	Mrs. Barron Shirley.
Freedom, Free Public.....	Helen L. Danforth.
Fremont, Public .....	Cora B. Frost.
Gilford, Public.....	
Gilmanton, Public.....	Florence A. Wight.
Gilsum, Public.....	Helen W. Smith.
Goffstown, Rogers Free Public.....	Mrs. Ida J. Carpenter.
Gorham, Public.....	Harriet S. Marble.
Goshen, Olive G. Pettis Free.....	Emma M. Maxfield.
Grafton, Free Public.....	Eulalia I. Martin.
Grantham, Dunbar Library.....	James M. Howe.
Greenfield, Stephenson Memorial....	Lucy Alice Brooks.
Greenland, Weeks Public.....	Lillian A. Odell.
Greenville, Chamberlin Free Public..	Josephine M. Taft.
Groton, Free Public.....	Barron S. Kinne.
Hampstead, Public.....	Mary L. Hoyt.
Hampton, Public.....	S. Albert Shaw.
Hampton Falls, Public.....	Sadie E. Janvrin.
Hancock, Town.....	Annie L. Putnam.
Hanover, Town.....	Mrs. Nettie J. Praddex.
“ Dartmouth .....	Nathaniel L. Goodrich.
“ Howe .....	Harriet A. Storrs.
Harrisville, Town.....	Frances Hardy.
Haverhill, Library Association.....	Mary E. Flanders.
“ Woodsville Free Public...	Mrs. S. Chamberlain.
Hebron, Public .....	Alice M. Wells.
Henniker, Tucker Free.....	Jennie N. Dodge.
Hill, Public.....	Mrs. Edith L. Fowler.
Hillsborough Fuller Public.....	Mrs. Ada H. Brown.
Hinsdale, Public.....	Charlotte S. Slate.
Holderness, Free .....	Sarah J. Perkins.
Hollis, Social .....	Clara E. Smith.
Hooksett, Arrah W. Prescott Pub...	Jennie B. Abbott.
Hopkinton, Free Public.....	Sarah N. Kimball.
Hudson, Greeley Public.....	Mrs. Eliza B. Leslie.
Jackson, Free Public.....	S. Alice Trickey.
Jaffrey, Public .....	Lucia B. Cutter.
Jefferson, Free Public.....	Edna Glidden.
Keene, Public.....	Mary Lucina Saxton.
Kensington, Free Public.....	George Osgood.
Kingston, Nichols Memorial.....	Nellie F. Ingalls.
Laconia, Public.....	Olin S. Davis.
Lancaster, Public .....	Martha W. Bracket.
Landaff, Public .....	Mrs. Jennie Lynde.

Name.	Librarian
Langdon, Free Public.....	Mrs. H. J. La Selle.
Lebanon, Public.....	Emma M. Morris.
"    West Lebanon.....	E. M. Farman.
Lee, Public.....	Susan P. D. Lane.
Lempster, Free Public.....	Mrs. Josie Parker.
Lincoln, Lincoln Public.....	Albertina P. Hallenbeck.
Lisbon, Free Public.....	Nettie L. Kelsea.
Litchfield, Public.....	Jennie F. Center.
Littleton, Public.....	Miss J. E. Smith.
Livermore, No library.	
Londonderry, Leach.....	Sedley A. Lowd.
Loudon, Maxfield Public.....	Mrs. Lizzie A. Sanborn.
Lyman, Free Public.....	Mrs. Ai Parker.
Lyme, Town.....	Lizzie G. Morrison.
Lyndeboro', Franklin.....	
Lyndeboro', So., Joseph G. Tarbell...	Mrs. Della Beal.
Madbury, No library.	
Madison, Free Public.....	Bina C. Harmon.
Manchester, City.....	F. Mabel Winchell.
Marlborough, Frost Free.....	Carrie T. Knowlton.
Marlow, Town.....	Ellen A. Huntley.
Mason, Free Public.....	Mrs. Nellie F. Amsden.
Meredith, Public.....	Mrs. Lillian Wadleigh.
Merrimack, Public.....	Emma A. Cross.
Middleton, Free Town.....	Mrs. E. J. Davis.
Milan, Public.....	Maude P. McIntire.
Milford, Free.....	Annabell C. Secombe.
Milton, Free Public.....	John U. Simes.
"    Nute.....	Mrs. Sarah P. Haley.
Monroe, Free Public.....	Clara V. Shepard.
Mont Vernon, Daland Memorial....	Mabel A. Spencer.
Moultonborough, Free Public.....	Grace M. Tilton.
Nashua, Public.....	Harriet Crombie.
Nelson, Free Public.....	Delia H. Osgood.
New Boston, Whipple Free.....	Mildred C. Warren.
Newbury, Free Public.....	Mrs. G. E. Shaw.
Newcastle, Public.....	Ellen Becker.
New Durham, Public.....	Mrs. L. W. Ricker.
Newfields, Brodhead Free.....	Edna A. H. Paul.
New Hampton, Gordon-Nash.....	Lewis P. Bickford.
Newington, Langdon.....	Annie L. Beane.
New Ipswich, New Ipswich.....	Frances L. Nash.
New London, Public.....	Emma Bartlett.
"    Colby Academy.....	Edna Burns.



Name.	Librarian
Newmarket, Town.....	
Newport, Richards Free.....	Anne Parmelee.
Newton, Public.....	Edwin G. Kelly.
Northfield (see Tilton), Tilton- Northfield Public .....	
North Hampton, Public.....	L. W. Fogg.
Northumberland, Groveton Public...	Mrs. H. B. Smith.
Northwood, Town .....	Henry Veasey.
Northwood Ridge, Knowlton Free Public .....	Gertrude T. Bennett.
Nottingham, Public .....	Mrs. Carolyn P. Stevens.
Orange, Free Public.....	N. Finette Ford.
Orford, Free.....	Mrs. G. M. Huckins.
Ossipee, Public .....	Henry C. Carter.
Pelham, Free Public.....	Mary E. Hobbs.
Pembroke, Public.....	M. H. Knox.
Pembroke Academy, (Wilkins Li- brary) .....	Herman N. Dunham.
Peterborough, Town.....	Mrs. Eva E. Coffin.
Piermont, Free Public.....	
Pittsburg, Free Public.....	
Pittsfield, Town.....	F. S. Jenkins.
Plainfield, Free Public.....	Marion Eastman.
Plaistow, Public .....	Susan F. Carr.
Plymouth, Public .....	Bessie Fox.
Portsmouth, Public .....	Hannah G. Fernald.
Randolph, Public .....	Mabel Lowe.
Raymond, Dudley-Tucker Free Pub..	Edith L. Bartlett.
Richmond, Public.....	Sarah H. Twitchell.
Rindge, Ingalls Memorial.....	Ella M. Brigham.
“ West Rindge.....	
“ East Rindge .....	
Rochester, Public.....	Lillian E. Parshley.
“ East Rochester .....	
Rollinsford, No library.	
Roxbury, No library.	
Rumney, Byron G. Merrill Public....	Mrs. Mary S. Fox.
Rye, No library.	
Salem, Free Public.....	Mrs. Hattie F. Abbott.
Salisbury, Public.....	Mrs. George B. Sanborn.
Sanbornton, Public.....	Winnie M. Payne.
Sandown, Public.....	Celia M. Colby.
Sandwich, Free.....	Isabel Forbush.
Seabrook, Brown Memorial.....	R. Burton Brown.

Name.	Librarian
Sharon, Public.....	B. H. Sanders.
Shelburne, Public.....	Marjorie Philbrick.
Somersworth, Man's and Village...	
South Hampton, Free Public.....	Israel S. Merrill.
Springfield, Town.....	Abby J. Goodhue.
Stark, Public.....	
Stewartstown, Free Public.....	C. I. Brainard.
Stoddard, Free Public.....	Mrs. Lilla Cutter.
Strafford, Free Public.....	Mrs. E. May Foss.
Stratford, No. Stratford Public.....	H. H. Hinman.
Stratford, South, Public.....	C. D. Platt.
Stratham, Wiggin Memorial.....	Louise A. Mugridge.
Sullivan, Free Public.....	Ann S. Nims.
Sunapee, Free Public.....	Avis L. Abbott.
Surry, Reed Free.....	Minnie Harvey.
Sutton, Town.....	Thomas Burpee.
Swanzy, West, Stratton Free.....	Mrs. J. W. Sparhawk.
Tamworth, Cook Memorial.....	Mrs. Lucy A. Cook.
“ Chocorua Public.....	C. L. Marston.
Temple, Mansfield Public.....	Mary L. Hayward.
Thornton, No library.	
Tilton, Hall Memorial.....	Mary M. Emery.
Troy, Town.....	Mrs. Luetta K. Barnard.
Tuftonborough, Free.....	F. A. Hersey.
Unity, Free.....	Henrietta Hurd.
Wakefield, Public.....	Alice C. Milliken.
“ Free.....	Maude F. Sanborn.
Walpole, Bridge Memorial.....	Frances M. Sabin.
Warner, Pillsbury Free.....	Mary Bartlett Harris.
Warren, Public.....	
Washington, Shedd Free.....	Albert T. Wright.
Waterville, Free.....	
Weare, Free.....	Eva B. Simons.
Webster, Free Public.....	Henry F. Pearson.
Wentworth, Public.....	Mrs. F. H. Briggs.
Westmoreland, Free.....	Jennie E. Craig.
Whitefield, Public.....	Alice E. Dodge.
Wilmot, Public.....	Harriet M. Woodward.
Wilton, Public.....	Mary N. Abbot.
Winchester, Public.....	Mrs. Abbie C. Thompson.
Windham, Nesmith.....	Bessie Emerson.
Windsor, No library.	
Wolfeborough, Brewster Free.....	Elizabeth Brewster.
Woodstock, Moosilauke Free Pub..	W. L. E. Hunt.

REPORT  
OF  
ATTORNEY - GENERAL  
OF THE  
State of New Hampshire

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1910 - 1912

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VOL. I, PART VI.

CONCORD, N. H.

1912.

PENACOOK, N. H.  
W. B. RANNEY, PRINTER  
1912

# Report of Attorney-General

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ATTORNEY GENERAL'S OFFICE.

CONCORD, N. H., September 1, 1912.

TO THE LEGISLATURE OF NEW HAMPSHIRE:

The biennial report of this office is herewith respectfully submitted.

The opinions presented include those rendered by Edwin G. Eastman as Attorney-General during the period from August 31, 1910, to January 20, 1912 and by James P. Tuttle as Attorney-General from January 20, 1912, to August 31, 1912.

Other facts of general interest follow the opinions.

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## OPINIONS RENDERED BY ATTORNEY-GENERAL EASTMAN.

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CONCORD, N. H., May 12, 1911.

COL. SOLON A. CARTER, State Treasurer,

CONCORD, N. H.

MY DEAR SIR:-

Your favor of the 10th inst., in which you make certain inquiries relative to the issue of bonds under the provisions of Sec. 19, Ch. 155, Laws of 1909 as amended by an act passed in 1911, is received. Said Sec. 19, provides that the "Treasurer may negotiate and sell such bonds by direction of the Governor and Council in such manner as they may determine most advantageous to the state."

\* \* \* \* Before said bonds are negotiated and sold, they shall be offered for at least thirty days to residents

of the state of New Hampshire at par value and all bonds so disposed of shall not be taxable in this state provided they are held by residents of this state and shall bear interest at 3 per cent."

I understand that the law of 1911 changes the interest rate so that the bonds are to be issued the same as before at a rate not to exceed three and a half per cent. Under these conditions it would seem to be the duty of the Governor and Council to determine at what rate not exceeding three and a half per cent. these bonds should be issued and it does not appear to me that this provision is in conflict with the act of 1909, the only change, as I understand it, being in regard to the rate of interest, and it is for the Governor and Council to determine what the rate shall be not exceeding three and a half per cent, and they having determined that, it would be for you to offer the proposed issue of \$250,000 to residents of the state at par and at such rate of interest not exceeding three and a half per cent. as has been determined by the Governor and Council. This is in answer to query one, which reads: "Is it the duty of the treasurer to offer the proposed issue of \$250,000 to residents of the state at par?" As to query two, "Can the treasurer lawfully call for sealed proposals for the whole or any part of the loan and award them to the highest bidder, the latter plan being manifestly more advantageous to the state?" Answer: I think this cannot be done until there has been an offering of the bonds to residents of the state at a rate determined by the Governor and Council. If upon such offer, the bonds are not taken, then I see no objection to calling for sealed proposals and selling the balance, not taken, by residents of New Hampshire, to the highest bidder.

Most respectfully,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., June 5, 1911.

HON. E. N. PEARSON,  
CONCORD, N. H.

DEAR SIR:-

The members of the Tax Commisison, the State Auditor and the three members of the Public Service Commission are clearly state officers within the meaning of Sec. 2, Ch. 79, Laws of 1907 as amended by Sec. 1, Ch. 160, Laws of 1909. The governor, therefore, and the B. & M. R. R. are legally authorized to enter into a contract for the transportation of these officials.

Respectfully submitted,

EDWIN G. EASTMAN,  
*Attorney-General.*

CONCORD, N. H., June 29, 1911.

HON. H. C. MORRISON,  
CONCORD, N. H.

DEAR SIR:-

I am in receipt of your letter in regard to a resolution passed at the annual school district meeting in the town of Stratham, March 18, 1911 which was in the following words: "That the school board be instructed to request state superintendent to include in the estimate of average attendance in this town those children who attend approved schools and whose tuition is paid by this town." On this resolution, the question which you desire answered relates to school aid under Ch. 158, Laws of 1909 and that question is: "Shall the average attendance of children attending high schools or academies in other towns, whose tuition is paid by the district, be included in the average attendance from the district in computing the



equalized valuation per pupil and the amount of money to be awarded under the provisions of said chapter 15, laws 1909?"

Upon examining the above statute, I am of the opinion that children attending school in another town whose tuition is paid for by the district should be included in the average attendance from the district in computing the equalized valuation per pupil and the amount of money to be awarded under the provisions of said chapter.

Respectfully yours,

EDWIN G. EASTMAN,  
*Attorney-General.*

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CONCORD, N. H., July 11, 1911.

HON. H. C. MORRISON,  
CONCORD, N. H.

DEAR SIR:-

I am in receipt of your favor in which you inquire, in substance, whether or not certain school districts which maintain high schools come within the provisions of Ch. 158, Laws of 1909 in the matter of determining the total attendance of children in the town for the purposes of obtaining the benefit of said act.

My conclusion is that pupils attending a high school in another town should be accredited to the town in which they reside and not to the town in which they attend school.

Respectfully submitted,

EDWIN G. EASTMAN,  
*Attorney-General.*

CONCORD, N. H., Sept. 19, 1911

HONORABLE STATE BOARD OF LICENSE COMMISSIONERS:

CONCORD, N. H.

GENTLEMEN:-

I am in receipt of your communication in which you ask for an answer to the following question: "Where a licensee, whose license has been revoked by the State Board of License Commissioners, is the owner of the licensed premises at the time of said revocation, will a person, who subsequently purchases in good faith the premises and the business, be entitled to receive a license for the residue of the license year, assuming he is otherwise qualified to receive a license?"

My answer to this question is, yes, provided that such purchaser satisfies the State Board of License Commissioners that the entire premises covered by the above question are correct and true in every particular, especially as to the good faith of the transaction.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., Sept. 20, 1911.

C. L. PULSIFER, Esq., Assessor.

LAKEPORT, N. H.

DEAR SIR:-

I am in receipt of your letter in which you request my construction of Ch. 25, Laws of 1905, amended March 15, 1911, relating to the taxation of boats and launches. I understand the above law to mean that the owner of one boat worth \$100. or more, is to be taxed for his boat at its fair value; that the owner of one boat of less than \$100. cannot be taxed for it; that the owner of several

boats, a boat livery, for instance, is to be taxed if the entire holding is of the value of \$100. or more. I do not understand that \$100. is to be deducted from the value of boats worth more than that sum and the balance only be taxed. No such construction of the law is, in my opinion, permissible.

Yours truly,

EDWIN G. EASTMAN,

*Attorney-General.*

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CONCORD, N. H., October 21, 1911.

TO HIS EXCELLENCY THE GOVERNOR AND THE HONORABLE COUNCIL:

Pursuant to your request I have examined the opinion of the Justices of the Supreme Court, furnished to your Honorable Body, respecting the legality of an act providing for the acquisition by the State of the Crawford Notch, so-called. As you have observed, the Court holds that the act in its entirety is not a valid law; that section three is all invalid, and that the act cannot now be correctly engrossed and presented to the Governor. At the close of the opinion the Court say that "whether under sections of the act to which our attention has not been called and existing statutory provisions, proceedings *in invitum* can be maintained for the taking of Crawford Notch, involves a question of private right, in the land owners which, if asked, we should ordinarily feel obliged to decline to answer, that question can be finally determined only in the course of litigation to which the land owners are parties, our views thereon have not been required, and we have not intended to express any opinion." And I understand your enquiry now is, whether or not under sections of the act to which the attention

of the Court was not called, and existing statutory provisions, proceedings *in invitum* can be maintained by the State against the land owners.

The Governor and Council cannot acquire land by purchase under Sec. 1 of the act, for the reason that there are no funds available for that purpose, all of Section 3 having been declared invalid by the Court.

Section 2 of the act provides in substance that in case the land owners decline to sell the necessary land, wood and timber, for a price deemed reasonable by the Governor and Council, that the Governor and Council are empowered to take and appropriate the same, and the way in which this is to be done and how the damages should be assessed and finally determined are all carefully pointed out. In short, the process of taking land *in invitum* is ample and complete. This section is in no way dependent upon other parts of the act declared by the Court to be invalid, unless the right of procedure under said section 2 is made to depend upon the declination of the land owner to sell the land required at a price deemed reasonable by the Governor and Council. Section 3 of the act is invalid and consequently there is no money with which to make the purchase contemplated under section 1. The case stands, so far as said section 2 is concerned, the same as if there had been no provision for the purchase of the land, the means for carrying out that plan having failed, the plan also fails, and inability to purchase at a fair price, or lack of money with which to make the purchase, are under this act in legal effect the same. The result is that the law in question practically consists of two acts, one providing for the purchase of land which is declared by the Court to be invalid and one contained in said section 2 for taking land, which has not been declared invalid, and my conclusion is, that under said section 2 the State can take land, but in order to meet constitutional requirements the land so taken

must be paid for. In adopting section 2 the legislature must be presumed to have intended to act in conformity with the constitution, and therefore there is an implied undertaking to pay the land owners the amounts which may be determined, under the methods provided in said section, to be due them for their lands. Said section 2 is a special act, and section 1 of chapter 20, Pub. Stats. provides that "whenever any money is due from the state to any person, by force of a general law, special act, or resolution, the Governor is empowered, and it shall be his duty, with advice of the Council, to draw his warrant upon the treasury in favor of such person." Under this law, the Governor has full authority to complete the taking of the lands required, by paying the damages assessed out of any money in the treasury not otherwise appropriated.

I am aware that section 1, chapter 15, laws 1909 provides "that in and after the first day of September 1909, no money shall be paid from the treasury for any purpose, without a specific appropriation authorizing the expenditure." This statute probably repeals section 6, chapter 20, Pub. Stats. and amendements, which provided for the payment of incidental State expenses and those of the different departments upon audit of the Governor and Council, without authority of a special act. Section 2 of chapter 15, Laws 1909 repeals "so much of any statute now in force as authorizes annual appropriations of stated sums for an indefinite period of time, except salaries of officials." This law manifestly repeals only that part of section 1, chapter 20, Pub. Stats. which authorizes the payment of money, except salaries, due on account of general law, but obligations arising by special act of resolution are not thereby affected, and we think that a careful review of all the legislation upon this subject confirms this opinion. My final conclusion is that where the lands have been taken under section 2 of the

Crawford Notch Act, so-called, the Governor with advice of the Council has full authority to pay for the same out of any money in the State treasury not otherwise appropriated.

Respectfully submitted,

EDWIN G. EASTMAN,  
*Attorney-General.*

CONCORD, N. H., Nov. 18, 1911.

COL. SOLON A. CARTER,  
CONCORD, N. H.

MY DEAR SIR:-

I am in receipt of your communication of recent date containing the following query: "When a town claims the tax on railroad shares formerly owned by a resident in either of the following methods, to wit:

1. A. B.—C. D. executor administrator or trustee as the case may be.
2. A. B. (estate of)
3. A. B. (heirs of)

In assuming that in either of the methods stated, the stock was held in a "fiduciary capacity" and consequently when apportioning the tax under Sec. 2, Ch. 55, Laws of 1909, am I right in disallowing the claim of the town to the tax."

Upon examination of this statute, I am of the opinion that you are right in disallowing the claim of the town to the railroad tax apportioned under the provisions of the above named chapter.

Very truly yours,

EDWIN G. EASTMAN,  
*Attorney-General.*

CONCORD, N. H., Nov. 25, 1911.

DR. IRVING A. WATSON,

CONCORD, N. H.

MY DEAR SIR:-

The question submitted by you in your communication of recent date in substance is this: Whether or not, under the provisions of a joint resolution relating to the treatment of persons afflicted with tuberculosis and approved by the legislature, April 15, 1911, the State Board of Charities and Corrections has the right to send patients to the State Sanatorium as well as to any other sanatorium which has been approved by the State Board of Health.

Upon examination of the joint resolution, and the law creating the state sanatorium (Ch. 92, Laws 1905), I am of the opinion that said board may send persons of the kind indicated to the State Sanatorium.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

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OPINIONS RENDERED BY  
ATTORNEY-GENERAL TUTTLE.

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CONCORD, N. H., Jan. 30, 1912.

HON. JOHN S. B. DAVIE,

Commissoner of Labor,

CONCORD, N. H.

DEAR SIR:-

In reply to your inquiries of the 27th inst. would say that all classes of employers described in Sect. 1 of



Chapter 163 of the Laws of 1911 are subject to the provisions of Sect. 2 of that Act provided they do not file the declaration provided for in Sect. 3 of the same Act; they are not, however, subject to the provisions of Sect. 12 of the same Chapter unless they have filed the declaration referred to in Sect. 3. For, being already subject to the provisions of Sect. 2 of this Chapter by reason of their failure to file the declaration above referred to, it would be entirely meaningless to say they should again be subject to the provisions of Section 3 because of failure to comply with the provisions of Sect. 12.

In reply to your second question as to whether the State Prison convicts employed by the Granite State Mfg. Co., come under the provisions of Chapter 163 above referred to, would say that in my opinion they do not. Had the Legislature so intended, plainly it would have so provided. A "convict" is not a "workman" as that term is commonly used. The compensation under the act referred to is based entirely upon the "average weekly earnings." The expression "average weekly earnings" would seem to be entirely meaningless as applied to a convict whose sentence was to serve at hard labor. If the Legislature shall later determine to confer the benefits of this Chapter upon convicts, I have no doubt that it will so provide in apt terms. Clearly this operation of the law was not contemplated by the Act of 1911 above referred to.

I enclose herewith what seems to me to be suitable forms for petition and order in reference to suits upon bonds filed under the provisions of Sect. 3 of the law in question. Trusting you will find the same satisfactory, I remain,

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., Jan. 25, 1912.

HON. FRANK A. MUSGROVE,

State Auditor,

CONCORD, N. H.

DEAR SIR:-

In reply to your letter of the 24th inst. asking for my interpretation of Section 2 Chapter 75 of the Session Laws of 1909, and in particular as to whether the State Auditor, appointed under the provisions of that Chapter, may also at the same time hold the position of Speaker of the House of Representatives, would say that in my opinion such Auditor cannot also legally hold the office of Speaker. The fact that the offices of justice of the peace and notary public are specifically referred to and excepted is strong evidence that no other exceptions were intended. The position of Speaker of the House is an "office" and is so referred to in the Constitution. See Part II, Art. 48 (Chase's Revision, Art. 49). Again, the position of Speaker is a legislative office; the position of Auditor is an executive office; to unite the two in one and the same person would plainly be in violation of both the letter and the spirit of Art. 37 of the Bill of Rights.

There are other reasons also which might be mentioned tending to show that the holding of these two offices by the same person is incompatible, but as the fundamental law of the State plainly prohibits the holding of these two offices by the same person, a further statement of reasons will not be especially helpful.

Trusting that the foregoing fully answers your inquiry, I remain,

Faithfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., February 5, 1912.

HON. RICHARD M. SCAMMON,

Chairman, Board of Bank Examiners,

CONCORD, N. H.

DEAR SIR:-

Your inquiry of the 2d inst., was duly received in which you ask my opinion upon the following state of facts:-

"A corporation owns real estate in New Hampshire. Said corporation executes a mortgage for \$100,000 on such real estate, and places said mortgage in the hands of a trustee. It then issues and sells one hundred bonds or coupon notes of \$1,000 each, said bonds or coupon notes being jointly secured by said mortgage.

Query: Can each of these bonds or coupon notes be regarded as a note secured by first mortgage of real estate, such as is contemplated in paragraph 1, section 1, chapter 114, of the Laws of 1901?"

In reply, would say that, in my opinion, such bonds or coupon notes cannot be regarded as "a note secured by first mortgage on real estate" and hence are not of the class of securities described in paragraph 1, section 1, chapter 114, of the Laws of 1901. Such securities would however, be fairly included in the class of securities described in paragraph 13 of the same section if the corporation in question was a New Hampshire corporation, but not otherwise.

Trusting that this reply fully covers the ground of your inquiry, I remain,

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., February 10, 1912.

WALTER C. O'KANE, ESQ.,

State Agent,

DURHAM, N. H.

DEAR SIR:-

Your letter of inquiry of the 5th inst., addressed to Attorney-General Edwin G. Eastman, has come to my attention for reply.

As a general proposition, any tree within the limits of a highway, upon land not required for travel thereon, is the property of the adjacent owner, and in my opinion, such owner would be chargeable for the expense of the suppression of moths thereon up to the limit provided for in Section 5 of Chapter 143 of the Session Laws of 1907, unless such tree, or trees, had been appropriated to public use and control under the provisions of Sections 2 and 3 of Chapter 98 of the Session Laws of 1901. In the event of such appropriation under the provisions of law last referred to then the town or city which has assumed control of such trees would, in my judgment, be chargeable with the expense of the suppression of the moths thereon.

Trusting that the foregoing fully covers the ground of your inquiry, I remain,,

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., February 10, 1912.

HON. EDWARD N. PEARSON,

Secretary of State,

CONCORD, N. H.

DEAR SIR:-

In reference to the letter of inquiry of Jno. G. Redford, of Milwaukee, Wis., under date of Feb. 1, 1912, as to

the "payment or tender of fees" in certain cases, would say that in Chapter 287 of the Public Statutes the following provisions are made:

"Sect. 26. Registers of deeds, town clerks, and all other recording and certifying officers, except as otherwise specially provided, shall be entitled to the following fees:

For recording or copying each page of two hundred and twenty-four words, seventeen cents.

For every certificate, eight cents.

For examining the records at the request of any person, for each hour spent necessarily therein, twenty-five cents.

"Sect. 27. Officers of private corporations, required to furnish copies or certificates or to examine records shall be entitled to the same fees as are specified in the preceding section."

In my opinion the provisions of the statute above referred to apply to the case in question, and I think fully cover the same. If any further question arises in this matter, I shall be glad to confer with you further in regard to the same.

I return herewith Mr. Redford's letter to you.

Yours very truly,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., February 10, 1912.

HON. EDWARD N. PEARSON,

Secretary of State,

CONCORD, N. H.

DEAR SIR:-

In reply to your inquiry of the 2d inst., as to whether the ballots for delegates to the Constitutional Convention

shall be printed "with the circle or without it",—would say that an examination of the legislation of 1911 relating to this subject and of the decisions of our Supreme Court applicable thereto leaves no reasonable doubt that the fair legislative intention is, that the ballots for this Convention should be printed *without* the circle. Its presence upon the ballot is not necessary to determine the intention of the voter and it is my opinion that the legal result is that the circle should be omitted from the ballots printed for use in the choice of delegates to the Convention.

Respectfully yours,

JAMES P. TUTTLE,  
*Attorney-General.*

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CONCORD, N. H., February 10, 1912.

HON. EDWARD N. PEARSON,

Secretary of State,

CONCORD, N. H.

DEAR SIR:—

In reference to the letter of inquiry to you under date of February 5th by the Peterboro Manufacturing Company in regard to the filing of the annual statement, I assume that it is a corporation existing under the laws of New Hampshire. As it now has no place of business in this state, all certificates and other papers required by law, including the annual statement in question, should be filed in the office of the Secretary of State, annually, on or before March 1st of each year, as required by Section 15 of Chapter 150 of the Public Statutes, and by the amendment to Section 16 of the same Chapter, as provided in Section 1 of Chapter 159 of the Ses-

sion Laws of 1911. Should this corporation amend its articles of incorporation and increase its capital stock, it should pay a charter fee, according to the provisions of Section 6 of Chapter 14 of the Public Statutes.

I return to you herewith the letter above referred to.

Respectfully yours,

JAMES P. TUTTLE,  
*Attorney-General.*

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CONCORD, N. H., February 22, 1912.

HON. ROBERT P. BASS,

Governor of New Hampshire,

CONCORD, N. H.

MY DEAR GOVERNOR:-

My attention has been called to the requisition of Hon. Fred'k W. Plaisted, as Governor of the State of Maine, upon you as Governor of the State of New Hampshire for the extradition of one Israel Isaacson who stands charged by indictment in the County of Androscoggin with the crime of receiving and concealing stolen goods, knowingly, in said County of Androscoggin, and is now a fugitive from justice within the jurisdiction of the State of New Hampshire. The requisition presented is legal, both in form and substance, and in my opinion, due process should be issued by you for the delivery of the fugitive, if found within the borders of this State, to Arsene Cailler, the duly authorized agent of the State of Maine, in accordance with the terms of the requisition.

Respectfully yours,

JAMES P. TUTTLE,  
*Attorney-General.*



CONCORD, N. H., February 26, 1912.

HON. CYRUS H. LITTLE,

Chairman St. Bd. of License Commissioners,

CONCORD, N. H.

DEAR SIR:-

Your letter of the 24th inst., has been duly received, in which you ask my opinion as to whether "licensed places other than those of the first, fifth and seventh classes should be closed in cities on that day, viz., the 2d Tuesday of March, 1912." In reply, would say that, in my judgment, the day in question has been, by law, made a "day of—general—election" and hence all regulations of the license law apply.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., February 29, 1912.

HON. H. C. MORRISON,

Supt. of Public Instruction,

CONCORD, N. H.

DEAR SIR:-

Your letter of the 27th inst., was duly received, in which you call my attention to the general legislation of 1901 and 1911, and the special legislation of 1905, relating to child labor. You also quote from an opinion of former attorney-general Eastman, dated May 8, 1901, in reference to the same subject. His opinion states, I think, the well-understood law of the State as to the particular question dealt with, and an examination of all the related statutes upon this subject seems to make it entirely clear that the several superintendents of schools in cities and town school districts, other than Manches-

ter, cannot lawfully empower any person to act in his stead in issuing the certificates required to be issued by the superintendent of schools, provided for in Chapter 162 of the Session Laws of 1911. It would appear that the legislature deemed this matter of such grave importance as to be worthy of the attention of the superintendent of schools in each city and town. The reasons for the special legislation for the City of Manchester, because of its large population, and the consequent manifold duties of its superintendent of schools, are easily explainable. If the same reasons existed with equal force as to other places, apparently they failed to make them known to the legislature at its last session.

Trusting that the foregoing fully covers the grounds of your inquiry, I remain,

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., February 29, 1912.

GEORGE H. WARREN, ESQ.,

Pres't Bd. of Trustees of the Industrial School,

THE KENNARD, MANCHESTER, N. H.

BRO. WARREN:-

In reply to your letter of the 23d, inst., asking if your Board of Trustees have authority to exchange a part of the land now held by the State in the name of the Board of Trustees for other land, —wish to say that I have given this question most careful consideration, as I appreciate that you and your associates are very much interested for the right development of the State's property devoted to the School, and am forced to the conclusion that the Board does not possess that power under the provisions of Section 3 of Chapter 284 of the

Public Statutes. I find no other statutes which suggest such authority, and the language of this law, read in the light of all subsequent legislation, seems to rather point out the way and manner in which the power shall be exercised when granted, than to grant the power to do the act proposed. To exchange land, when reduced to its lowest terms, can mean nothing more nor less than the sale of one parcel of land and with the funds thus obtained to buy another parcel. If one square rod, or one square acre, of this land can be thus sold, it must follow that every square rod and every square acre can be dealt with in the same way. Your Board has full control of the Industrial School land for the uses specified, but it seems entirely clear to me that your Board cannot convey title to any portion of it without express legislative authority. If you have in mind any decision or statute other than the one above referred to upon which you rely, I should be glad to have you call my attention to such law and to express your views upon the source of power upon which you might safely rely in making the suggested exchange.

Awaiting any further suggestions you may have in mind, I remain,

Yours very truly,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., March 4, 1912.

HON. EDWARD C. NILES,

Chairman, Public Service Commission,

CONCORD, N. H.

DEAR SIR:-

Your letter of the 24th inst., involves two questions:

1. Whether your Commission has jurisdiction as to tolls, and,— ,

2. Whether it also has the right to require that the toll-bridges be kept in safe condition for public travel.

It is my opinion that your board does have jurisdiction in respect to both of the matters referred to. The views expressed by our court in the somewhat early case of *The Proprietors of Cornish Bridge vs. Richardson et al*, 8 N. H. 207, seems to leave no doubt whatever but what your jurisdiction in respect to toll-bridges over the Connecticut River is full and complete. If the facts are similar in respect to the Piscataqua River the rule of power and action, of course, would be the same. My present impression is that the facts relating to the last named river are the same as those relating to the first named,—but as to this you can make the matter certain by investigating the facts as to the boundry lines, which, with the many open avenues of information, you can easily do.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., March 7, 1912.

HON. FRANK A. MUSGROVE,

State Auditor,

CONCORD, N. H.

DEAR SIR:—

Your letter of the 6th, inst., received, in which you ask for my views as to the “differentiation” between Section 8 of Chapter 135 of the Public Statutes, which reads as follows:

“Each applicant for a pharmacist’s certificate shall pay to the commission a fee of five dollars,

and each applicant for a registered assistant's certificate a fee of two dollars, for the use of the board. Each commissioner shall also receive five dollars per day for actual service, not exceeding twenty-five days annually, and all necessary expenses incurred in the discharge of his duties, to be paid from the state treasury."

and Chapter 47 of the Session Laws of 1901 which reads as follows:

"It shall be the duty of the commissioners to enforce the provisions of this chapter (P. S. Ch. 135). For actual services and necessary expenses in the performance of this duty they shall be paid from the state treasury such sums as the Governor and Council may determine and approve."

In my opinion the difference is this: That under the statute first quoted, each commissioner is entitled to "receive *five dollars per day* for actual service, not exceeding twenty-five days annually," and the service referred to is that involved in the work of the commission under Section 3 to Section 7, inclusive, of said Chapter 135. The "services" referred to in Chapter 47 of the Laws of 1901 plainly relate to the performance of duty in enforcing the provisions of Section 10 of said Chapter 135, and for this work the commissioners are to be paid "such sums as the Governor and Council may determine and approve," and it is left entirely to the judgment and discretion of the Governor and Council as to what the limit of payment shall be. It might be more than five dollars per day, less than five dollars per day, or just five dollars per day, according as the Governor and Council might deem the services performed to be worth more than, less than, or just the per diem limit fixed by statute for the services rendered under Section 3 to Section 7 above referred to.

Hoping that the foregoing will fairly explain the intended meaning of these respective statutes, I remain,

Yours very truly,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N.H., March 7, 1912.

HON. H. C. MORRISON,  
State Superintendent,  
CONCORD, N. H.

DEAR SIR:-

Your letter of the 6th inst., has been received in which you inquire whether, under the provisions of Section 9, Chapter 162 of the Session Laws of 1911, "the school board, during the long summer vacation when the superintendent is out of town, can empower some other person to issue such certificates,"—meaning, of course, "the employment certificate" mentioned in the statute. The part of this statute applicable to the present inquiry is, "an employment certificate shall be issued only by the superintendent of schools, or, where there is no superintendent, by a person authorized by the school board." The plain language of the statute seems to leave no room to question but what the legislature regarded the issuing of the employment certificate a matter of serious importance and intended to place the responsibility for the granting of the certificate upon a person competent and qualified to judge as to whether all legal requirements had been complied with upon which the right to such certificate is made to depend. There is no suggestion whatever in the statute that it is in any way necessary for the superintendent to be out of town during the summer vacation time, but



rather an expressed intention to carefully guard the issuing of employment certificates. If the result is to place an undue hardship upon the superintendents, it must, in my judgment, be remedied by legislative authority, for the terms of the statute, as we now find them, are not sufficiently elastic to permit the appointment of a substitute for the superintendent even in vacation time. As appears by the opinion of former attorney-general Eastman, quoted in your former letter to me, the duty of the superintendent in this matter is, in part, judicial, and this gives an especial emphasis to the views above expressed, for it has never been suggested that there was any substitute for the power and authority of a judge. As a practical matter it might be possible for a superintendent to give seasonable notice of his proposed absence, so that his work might be completed in time for a reasonable vacation; or, he might give seasonable and reasonable notice of certain days during the vacation period when this part of his work would be given due attention; certainly there is no present authority for the appointment of any person to do his judicial work for him.

Trusting that the foregoing views fully cover the premises presented, I remain,

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., March 8, 1912.

HON. CYRUS H. LITTLE,

Chairman St. Bd. of License Commissioners,

CONCORD, N. H.

BRO. LITTLE:-

In reply to your letter of inquiry of the 1st, inst., in



reference to the effect of Chapter 115 of the Session Laws of 1911 upon sub-division 6 of Chapter 118 of the Session Laws of 1909, would say that, in my opinion, the last-named statute is repealed so far as it is in any way in conflict with the law first named, and that it was the legislative intention to include copartnerships as well as individuals, and that each is entitled to whatever benefits may accrue to them respectively by the repealing clause of Chapter 115 above referred to.

Yours very truly,

JAMES P. TUTTLE,  
*Attorney-General.*

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CONCORD, N. H., March 8, 1912.

HON. FRANK A. MUSGROVE,

State Auditor,

CONCORD, N. H.

DEAR SIR:-

Your letter of the 5th, inst., was received, in which you ask my opinion as to whether certain moneys paid by various parties for rent and heat at the Plymouth Normal School, and whether certain other moneys received from rent and from "expense of maintaining model schools" at the Keene Normal School, should be paid into the State treasury.

If I understand your statement of facts correctly, it is my opinion that these moneys should be paid into the State treasury and there be held and accounted for with the other unappropriated moneys. Under the provisions of Chapter 197 of the Session Laws of 1911, the sum of \$26,520 was appropriated for the support of the State Normal School Department at Plymouth and

the sum of \$19,850 was appropriated for the support of the State Normal School Department at Keene. The incomes from these respective departments were not appropriated so far as I have been able to discover on a careful examination of the statutes relating to the subject. Section 8 of Chapter 75 of the Session Laws of 1909 provides:

"No bill or demand against the state, or any department thereof, which it is the duty of the auditor to examine shall be approved or allowed, unless it is in strict conformity with the standing or special appropriation under which the bill or demand is contracted, or in strict conformity with any contract under which said bill or demand is contracted."

Section 6 of the same Chapter is, in part, as follows:

"Said auditor shall examine all accounts and demands against the state....."

with certain exceptions which do not include the support of the Normal School Departments. Section 14 of the same Chapter provides:

"No officer or board shall make, purchase or incur liabilities in the name of the state for a larger amount than has been appropriated for the service for which such purchases have been made or liabilities incurred, and no officer or board shall make, purchase or incur liabilities in the name of the state for any sum unless authorized so to do by authority expressly conferred by statute or unless such officer or board shall have first submitted to the auditor a memorandum showing the purchase desired to be made with the expense thereof, or the liability to be incurred, and such memorandum to be then certified by the auditor to the governor and

council for their approval; and the state shall not be responsible for the acts of its officers, agents and servants for any amount in excess of its appropriations, or for any purchase or liability incurred, unless the provisions of this section shall have been complied with."

The combined effect of the statutes recited must operate to prohibit the disbursement of these moneys above-mentioned, received from the Normal School Departments

"unless it is in strict conformity with the standing or special appropriation under which the bill or demand is contracted, or in strict conformity with any contract under which such bill or demand is contracted."

The respective appropriations for these two Normal School Departments had a fixed and definite limit, and unless the moneys are required to be paid "in strict conformity with any contract," of which I have no knowledge and for which I, so far, find no statutory authority, the moneys in question should be paid to, received, held and accounted for by the treasurer as a part of the unappropriated funds of the State. If you have knowledge of any contract that would suggest any warrant for the disbursement of these moneys, I trust you will call my attention to the same before taking further action in this matter.

Hoping that the foregoing may make your duty in the premises entirely plain, I remain,

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., March 9, 1912.

HON. S. PERCY HOOKER,

State Engineer,

CONCORD, N. H.

DEAR SIR :-

You ask my opinion as to the present status of the Lost River Road, so-called, in the towns of Easton and Woodstock. This section of road was named in Chapter 35 of the Session Laws of 1905 to become a state highway provided the conditions recited in the last 12 lines of section 11 of the Chapter mentioned were complied with. You state in your letter that these conditions have not been complied with; it must follow, therefore, that this section of road is not now a state highway and will not become such until the conditions referred to are complied with, or there is a change in the law.

You state in the last part of your letter that the sum of one thousand dollars has been expended by the State upon this road, and that because of this fact it was considered as a state highway. State highways become such by reason of compliance with the terms of the law creating them, and in no other way. The requirement in respect to each section of state highway so far established is that embodied in the 12 lines mentioned. If you later find that this requirement has been complied with, then the Lost River Road is a state highway, otherwise not, and under the law referred to its status is in no way affected by the expenditure upon it of the sum of \$1,000. or any other sum. Under the provisions of Section 15 of Chapter 155 of the Session Laws of 1909, the Governor and Council were authorized to designate for improvement three continuous highways from the Massachusetts state line, northerly. Very likely the lost River Road may have been a portion of the highway so designated, and this may explain the

reason why the money referred to was expended upon it,—this, however, was not intended as a substitute for the requirement first mentioned, and applying the rule of the statute, it is not a state highway.

I have this morning received further inquiry in regard to this road from Mr. Philip W. Ayres and am by present mail enclosing to him a copy of this letter.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., March 9, 1912.

HON. NATHANIEL W. WENTWORTH,

Fish and Game Commissioner,

HUDSON, N. H.

DEAR SIR:-

In reply to your recent inquiry as to what authority your Commission may possess to determine whether Joe English Pond in New Boston should be deemed public waters, or not, would say, Section 75 of Chapter 79 of the Session Laws of 1901 provides as follows:-

“All natural ponds and lakes containing more than twenty acres shall be deemed to be public waters.”

In reference to the power of the Fish and Game Commissioners, Section 5 of the same Chapter provides:-

“Said commissioners may close any of the waters of this state against fishing for such period or periods as they may deem advisable and may also prohibit the taking of fish through the ice from any of the public waters of the state for a period not exceeding five years, whenever it shall appear to them after public notice given

and a hearing that it is reasonable to close the same. In case of such closing, they shall publish their order in some newspaper printed in the county, and cause the same to be posted in two or more public places as near the waters as may be in each town in which any part of the waters is located, at least one week before the order shall be in force."

Section 3 of Chapter 36 of the Session Laws of 1907 provides :-

"All fines and forfeitures accruing from prosecutions for violation of the fish and game laws shall be paid into the state treasury within 60 days and placed to the credit of the fish and game commissioners and may be drawn and used by said commissioners from time to time as to them may seem necessary in the varied interests of fish and game, with the approval of the governor."

In my opinion the resulting effect of these statutory provisions is, that if in the varied interests of fish and game it shall seem necessary to your board to definitely determine whether the pond mentioned comes within the purview of the statute quoted as to public waters, upon the approval of the Governor you would be warranted in taking whatever action may be necessary to determine the size of this pond.

The foregoing, I think, makes the extent of your power and duty in the premises entirely clear, and if your board decides that some action is necessary, you will, of course, present the views of the board to the Governor for his approval.

Respectfully yours,

JAMES P. TUTTLE,  
*Attorney-General.*

CONCORD, N. H., March 9, 1912.

HON. EDWARD N. PEARSON,

Secretary of State,

CONCORD, N. H.

DEAR SIR:-

In reference to the letter of Harry H. Atwood, Town Clerk of Pelham, N. H., to which you called my attention several days ago, would say that the problem which he presents in reference to the election of highway agents appears to me to be practical rather than legal. Under our present statute law it would be possible to have the name of the one highway agent nominated at the caucus printed, and then have two blank lines under this printed name, on which lines could be written the names of one, or two, additional candidates, according as it was decided in the town meeting to elect two, or three, highway agents. Another way, just as practical, would be for the caucus to nominate three highway agents and to then decide which one, or which two, should receive the party support in case a board of one, or two, should be decided upon in town meeting. And then in each case it will be entirely feasible and in accordance with the law for the voter to place his cross at the right of one, two, or three candidates, according as the town meeting should determine the number to be voted for. These courses of procedure would seem to aptly illustrate the apparent intention of the legislature in its amendment to the election law, as set forth in Chapter 188 of the Session Laws of 1911. If there are objections to either of these courses of procedure, they are not presented by such examination of the law as I have been able to make.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*



CONCORD, N. H., March 9, 1912.

HON. FRANK A. MUSGROVE,

State Auditor,

CONCORD, N. H.

DEAR SIR:-

In reply to your letter of recent date, asking information as to the method of repayment of the abated taxes of the Dover, Somersworth & Rochester Electric Railway, would say that, apparently, the exact situation that you described had not been forecast at the time the Act was passed providing for repayment of the abated taxes. If I understand the facts correctly, should say that you had the correct view,—that no repayment can be made out of any assessment except that of 1912, and that the balance must be provided for by special Act of the Legislature. This certainly would be a safe course to follow and, as a rule, the safe course is the desirable one to take.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., March 15, 1912.

GEORGE H. WARREN, ESQ.,

Pres't Bd. of Trustees of the Industrial School,

BRO. WARREN:-

THE KENNARD, MANCHESTER, N. H.

My attention has recently been called to the letter which you wrote to former attorney-general Eastman, enclosing a letter from William C. Morton, Superintendent of the Industrial School, to Burns P. Hodgman, Clerk of the United States Circuit Court, and reply

to this letter by Hon. C. W. Hoitt, U. S. District Attorney for New Hampshire. The real question presented by this correspondence seems to be whether it is a necessary condition to the receiving by the Industrial School of a juvenile offender sentenced by the U. S. District Court that he shall have received a sentence like, in terms, to that prescribed by our own statutes in Section 14 of Chapter 284 of the Public Statutes. The provisions of the U. S. Revised Statutes relating to this matter are as follows:-

“Sec. 5548. Whenever any person is convicted of any offence against the United States which is punishable by fine and imprisonment, or by either, the court by which the sentence is passed may order the sentence to be executed in any house of correction or house of reformation for juvenile delinquents within the state or district where such court is held, the use of which is authorized by the legislature of the state for such purpose.”

“Sec. 5549. Juvenile offenders against the laws of the United States, being under the age of sixteen years and who may hereafter be convicted of crime, the punishment whereof is imprisonment, shall be confined during the term of sentence in some house or refuge to be designated by the attorney-general and shall be transported and delivered to the warden or keeper of such house of refuge by the marshall of the district where such conviction has occurred; \*

\* \* \*

“Sec. 5550. The attorney-general shall contract with the managers or persons having control of such house of refuge for the imprisonment, subsistence, and proper employment of

such juvenile offenders, and shall give the several courts of the United States and of the District of Columbia notice of the places so provided for the confinement of such offenders, and they shall be sentenced to confinement in the house or refuge nearest the place of conviction so designated by the attorney-general."

"Sec. 5539. Whenever any criminal convicted of any offence against the United States is imprisoned in the jail or penitentiary of any state or territory, such criminal shall in all respects be subject to the same discipline and treatment as convicts sentenced by the court of the state or territory in which such jail or penitentiary is situated, and while so confined therein shall be exclusively under the control of the officers having charge of the same, under the laws of such state or territory."

The law of New Hampshire which permits the reception of juvenile offenders or convicts under sentence of the U. S. District Court is found in Chapter 284 of our Public Statutes and is as follows:-

"Sect. 16. The trustees may receive, clothe, and discipline juvenile convicts sent to the institution by virtue of any act of the congress of the United States, for such reasonable compensation as may be agreed upon between them and the United States authorities; and the superintendent of the institution shall receive and detain such convicts as if they had been sentenced by a state court."

Reading the U. S. statute and the State statute together, discloses that juvenile offenders against the laws of the United States cannot be sent to our Industrial School, and that there is no obligation on the part of the Industrial School to receive such offenders until an agreement has been made between the trustees of the

School and the Attorney-General of the United States. From the language of the two letters referred to, I assume that such a contract has been made, and if made, that both parties are bound by its terms, so far as it is not inconsistent with the existing laws above quoted. It is not made a condition in our New Hampshire statute that the juveniles sent to the institution by virtue of any act of congress must have received such sentence as is provided for in said Section 14. It must be assumed rather that whatever contract exists between the two parties must have been based upon the assumption that the juveniles were sentenced in accordance with the provisions of the Federal law and not of our state law. If the result of the receiving of juveniles under such sentences operates in any way to be subversive of the discipline of the institution, then the solution of the difficulty would appear to be for the trustees of your institution to decline, upon its expiration to renew any contract which now exists. This in my opinion, is your right to do, and if proper discipline cannot be maintained while juveniles are confined in the Industrial School under such sentences as may be lawfully imposed by the Federal Court, then clearly it would be the duty of the trustees to decline to renew such contract upon its expiration. The Federal statute fixed the age of "juvenile offenders" "under the age of 16." The state statute places the limit at 17 years. If it happens, as in the case cited by Supt. Morton, that a juvenile above 16 years of age is sentenced by the District Court to a term at the Industrial School, it must be in consequence of some deception practised upon the U. S. District Attorney by the "juvenile" or his friends, and not because the Federal law in any way conflicts with our state law in this particular. The Federal statute, as you will observe, makes the Federal juvenile subject to the same discipline and treatment as the state juvenile while a member of

the school. The indeterminate feature of the sentence under our state statute cannot, in my opinion, be fairly regarded as any part of the School discipline, as your Superintendent seems to have assumed at the time of writing the above-mentioned letter. As a copy of the contract made by the trustees with the Federal authorities has not been submitted, of course I cannot pass upon its time of expiration. But the foregoing are my views upon the issues presented. If your own views are not in accord with those herein expressed, I shall be glad to confer with you before action is taken by your board in the renewal of any contract for the reception of Federal juveniles into the Industrial School.

Yours very truly,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., March 18, 1912.

GEORGE H. WARREN, ESQ.,

Pres't Bd. of Trustees of the Industrial School,

THE KENNARD, MANCHESTER, N. H.

BRO. WARREN:-

Your letter of the 13th, inst., enclosing a letter from Hon. C. W. Hoitt, U. S. District Attorney for New Hampshire, in which he inquires if the Industrial School will receive U. S. prisoners convicted outside the State of New Hampshire, and I understand your request is for my views as to the legal right of your board to comply with the request of the District Attorney. The U. S. statute (Sec. 5548) quoted by him provides as follows:-

“Whenever any person is convicted of any offence against the United States which is punishable by fine and imprisonment, or by either, the court by which the sentence is passed may order the sentence to be executed in any house of correction or house of reformation for juvenile delinquents within the state or district where such court is held, the use of which is authorized by the legislature of the state for such purpose.”

Our own statute (P. S., Chap. 284, Sect. 16) authorizing the trustees to receive juvenile convicts sent to the institution by virtue of any act of the congress of the United States seems to bear a reciprocal relation to the Federal statute above quoted. As the jurisdiction of the U. S. District Court for New Hampshire is limited to New Hampshire territory (R. S. of the U. S., Sect. 530), it seems plain that the legislative intention was to afford New Hampshire juveniles, sentenced in the U. S. District Court the same privileges and opportunities as those sentenced in the state court. It would, in my opinion, be entirely unreasonable to think or believe that the legislature intended to establish an industrial school at large expense and then make it a place of detention and harbor of refuge for “juvenile offenders” from outside of the state, either from near or from far. Again, the power of the District Court to sentence juvenile offenders seems to be limited to institutions within the district in which the court is held. As the power of the trustees to contract to receive juvenile convicts is limited by the resulting meaning and effect of the state and Federal statutes above referred to, it is my opinion that your board has no power to contract to receive U. S. prisoners convicted outside the State of New Hampshire.

Trusting that this fully covers the ground of your inquiry, I remain,

Yours very truly,

JAMES P. TUTTLE,

*Attorney-General.*

P. S.:

I herewith return the letter of District Attorney Hoitt, dated March 9, 1912.

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CONCORD, N. H., March 25, 1912.

HON. S. PERCY HOOKER,

Supt. of State Highways,

CONCORD, N. H.

DEAR SIR:-

Your letter of the 22d, inst., has been duly received in which you ask whether under Section 4 of Chapter 35 of the Session Laws of 1905 the raising, appropriating and setting apart of "an additional sum equal to fifty per cent.," etc., should be done by vote of the town, or if it may be done by the action of the selectmen. In reply would say that in my opinion there can be no question but that the contemplated action was intended to be by vote of the town, and not by agreement of its selectmen. This view receives additional emphasis when it is considered that under Section 8 of the same Chapter the obligation assumed is not only for the particular year when the additional sum of fifty per cent. is raised but that it also extends to the keeping of the highways in repair thereafter to the satisfaction of the Governor and Council. No reason whatever appears why selectmen should use the money, or pledge the



credit, of the town in any such way without the explicit vote of the town for that purpose.

Yours very truly,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., March 28, 1912.

HON. EDWARD C. NILES,

Chairman, Public Service Commission,

CONCORD, N. H.

DEAR SIR:-

Since receiving your letter of the 8th inst., in which referring to the bridges over the Connecticut and Piscataqua rivers, you state that you are satisfied that, so far as their safety is concerned, your Commission ought to assume jurisdiction,—I have examined with some care the case of Covington & Cincinnati Bridge Co. v. Kentucky, 154 U. S. 204-213, and cases cited in the opinion of Mr. Justice Brown; and also the case of Covington & Cin. El. R. R. & Tr. & Bridge Co. v. Commonwealth of Kentucky, 154 U. S. 224, and am led to the conclusion that those bridges over the Connecticut and Piscataqua rivers must come within the third class of cases referred to in Covington Bridge Co. v. Kentucky. In my letter to you of the 4th inst., I see that I did not have in mind clearly the distinction between the question of taxing power and the question of the regulation of commerce. This subject is discussed in Henderson Bridge Co. v. Henderson, 173 U. S. 592, which cites the first named Covington case with approval. I cannot find that the rules laid down in the Covington cases have been in any way qualified, and you should I think be guided in your action by the views expressed in those cases. Your

right to act in regard to the safety of the bridges however, certainly cannot be questioned.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., April 3, 1912.

HON. H. C. MORRISON,

Supt. of Public Instruction,

CONCORD, N. H.

DEAR SIR:-

Your letter of the 1st, inst., has been duly received in which you call attention to three school districts which, in the year 1911, through their joint board, contracted for the services of a superintendent of schools for the period of three years, the contract expiring at the end of the school year in 1914, and state that one of these districts, at its last annual meeting, held in March, 1912, voted to rescind their vote authorizing the school board to enter into such a supervisory union. You ask if this vote can be held to take effect and the services of the superintendent dispensed with at the end of this school year, or at any time prior to the expiration of the superintendent's contract, as above described. In reply, would say that in my opinion the action of this district in entering into the contract in question for the services of the superintendent is binding upon it until the end of the school year in 1914, and the district would be bound both in contract and by the plain provisions of Chapter 81 of the Session Laws of 1901, to which you called my attention.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., April 10, 1912.

HON. ROBERT J. MERRILL,  
Insurance Commissioner,  
CONCORD, N. H.

DEAR SIR:-

In reply to your letter of March 29th in which you ask whether or not in the case of Pennsylvania insurance companies represented by a partnership in New Hampshire, a fee of \$2. should be charged in addition to the fees for the licensing of each partner, would say that I have examined the insurance statute of Pennsylvania, passed in 1911, in reference to this matter and the reciprocity statute of New Hampshire bearing upon the same question, and my opinion is, that the effect of these two statutes gives you the right to charge an additional fee of \$2. in the cases to which you refer.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., April 22, 1912.

HON. ROBERT P. BASS,  
Governor of New Hampshire,  
CONCORD, N. H.

MY DEAR GOVERNOR:-

On the 19th, inst., your secretary handed me the letter of Walter Carl Libby, now confined in our State Prison, addressed to you under date of March 24, 1912, in which he states that he is now suffering from consumption and that he believes a return to Colorado, where he formerly lived for a time, would greatly improve his health. I understand the question submitted to be, whether or not, under our law, a conditional pardon might be granted

Libby, so that if, under the influence of a more congenial climate, he should regain his health and later returned to New Hampshire, he could then be retaken and required to serve the remainder of his sentence. In reply would say that under our law there is no provision for a pardon upon any such basis. It may be that there are other charges pending against him in our courts, and a pardon for the offense of which he now stands committed would not affect any other pending charges: if there are such, these, of course, could be enforced against him should he return to this state after pardon. To pardon him now would, so far as the present sentence is concerned, leave him free to go or come without any measure of control by the State so long as he continued of good behavior.

I return herewith the letter above referred to.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

Enclosure.

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CONCORD, N. H., April 23, 1912.

HON. ROBERT P. BASS,

Governor of New Hampshire,

MY DEAR GOVERNOR:-

Attention has been called to the application of Ernest L. Guptill, solicitor for the County of Rockingham, for a requisition by your Excellency upon the Governor of the State of New York for the extradition of one Alfred A. Plack who stands charged by indictment with the commission of a felony in the city of Portsmouth on February 1, 1911. I have examined copies of the indictment referred to, the application for requisition and also the requisition and the accompanying certificates.

In my opinion they are each and all legal both in form and substance, and the offense referred to is a felony under the laws of New Hampshire.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., April 30, 1912.

HON. S. PERCY HOOKER,

State Supt. of Highways,

CONCORD, N. H.

DEAR SIR:-

In your letter of recent date in reference to the "mis-use" of state highways you called attention to,—

1. The hauling of logs over the native stone macadam road on log-scows or wooden-runner sleds.

2. The use of an automobile truck weighing three tons and carrying a load of five tons.

3. The use of the sides of the state road for skidding purposes and the consequent damming of the water in the ditches.

4. You inquire whether the persons or corporations responsible for such acts as those referred to can be made to pay for the damage done by such traffic.

The several acts of legislation in reference to the construction and repair of state highways has been addressed to the providing of funds with which to do the necessary building and repair of such highways and to grant the necessary power to the Governor and Council through the State Engineer, to direct the manner in which such construction and repair shall be performed, but the actual control of such highways still remains in

the towns in which the highways are located. See Section 8 of Chapter 35 of the Session Laws of 1905, which reads as follows:-

“Sect. 8. All highways within any city or town improved by the expenditure of said joint fund shall thereafter be maintained by the city, town or place within which it is located at the expense of the town, and to the satisfaction of the governor and council, and in case any town or place shall neglect to make repairs ordered by the governor and council, such repairs shall be made under the direction of the governor and council, at the expense of the state, and the cost thereof shall be added to the state tax for that town or place for the next year.”

The law applicable to the first misuse of the highways in question is found in Section 1 of Chapter 111 of the laws of 1895, which provides:-

“Section 1. The highway agent, or agents, shall have the charge and supervision of the highways and sidewalks in their respective towns and may control or prohibit the placing or leaving therein of any carriages, sleds, lumber, wood or any other obstruction, the digging up of the ground, or the doing of any act by which the public travel may be incommoded, and shall require or provide for the securing by railings, or otherwise, of any dangerous place near the line of any highway or sidewalk, subject to the approval of the selectmen of said town.”

And also in Sections 13 and 14 of Chapter 77 of the Public Statutes, which provide further:-

“Sect. 13. If any person, without authority, wilfully injures any highway or bridge thereon by destroying or taking away any plank, timber,

stone, or other material thereof, or by digging any pit therein, he shall be fined not exceeding one hundred dollars, or be imprisoned not exceeding six months."

"Sect. 14. If any person shall place any obstruction in a highway, or cause any defect, insufficiency, or want of repair of a highway which renders it unsuitable for public travel, without authority, he shall be liable to the town for all damages and costs which the town shall be compelled to pay to any person injured by such obstruction, defect, insufficiency, or want of repair."

If the use of the log-scows or wooden-runner sleds referred to operates to so dig up the ground that the general public travel is incommoded, it may be controlled or prohibited by the highway agent, or agents, under the statute of 1895 above referred to; and if in consequence of this use any defect or insufficiency or want of repair is thus created, which would render the highway unsuitable for public travel, the party responsible for such defect, insufficiency and want of repair would be liable for all damages to the highway, and also for the damages and costs which the town might be compelled to pay any person injured from the causes mentioned. I do not find that power has been granted under which the Governor and Council may act directly in reference to the "misuse" in question.

In reference to the second misuse mentioned, Section 1 of Chapter 91 of the Session Laws of 1899 provides:-

"Section 1. All frieght, express, and farm wagons, carts, coaches, or carriages hereafter constructed or purchased for use in this state, and used for carrying more than two tons weight and less than four tons shall have rims or felloes of their wheels at least four inches



wide, and for carrying more than four tons and less than six tons the rims or felloes of their wheels shall be at least five inches wide, and for carrying more than six tons the rims or felloes of their wheels shall be not less than six inches wide."

If the width of the wheels of the truck in question corresponds to this statutory requirement, no reason appears why it may not be used upon the highways, unless its use is of such an unusual character as to warrant the action of the highway agent, or agents, under the law first above quoted. This law would also apply to the third misuse to which you have referred. It is possible, also, that in an extreme case arising under any one of the three acts of misuse which you mentioned, and especially the third, our court, upon application of any interested party (and this would include the Governor and Council) might grant an injunction against such misuse, and especially if action under the statute failed to afford a complete remedy. Section 14 of Chapter 77 above quoted furnishes, also, an answer to your fourth question and makes it entirely plain that parties responsible for misuses of the character mentioned in items "1" and "2" can be made to pay for the damages incurred. The remedy by injunction as applied to the misuse described in item "2" would seem to be less likely to be applied than in the other two cases, for, while in the use of the heavy truck the effect must be to do some damage to the surface of the highway each time it is used in the way described, it is also true that the heavy touring car, operated at speed, has practically the same effect, and I think our court might well hesitate to hold that touring cars might be thus operated over the road but that auto-trucks should not be so operated.

If I can aid you further in any of these matters, shall be glad to do so at any time.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., May 7, 1912.

HON. JOHN S. B. DAVIE,

Labor Commissioner,

CONCORD, N. H.

DEAR SIR:-

Replying to your inquiry asking for a ruling relative to how far the local police can go under the law to obstruct a state official in the performance of his duty, would say that, in my opinion, it is the duty of the local police, in every instance, to aid and support and not in any way to obstruct such official while in the performance of the duties of his office, for it is the duty of each chief of police to carry into execution not only the ordinances of his city but also the laws of the state, and any failure to observe either the laws of the state or the ordinances of his city would be a violation of the requirements of his office. If in any case a chief of police, or other officer, should persist in wilfully obstructing the Labor Commissioner in the plain exercise and performance of the duties of his office, in my judgment a summary remedy by injunction would lie. This remedy might involve some delay, but it would be effective. I cannot believe, however, that any officer would wish to assume the responsibility of preventing a Labor Commissioner from fully and freely exercising the duties imposed upon him, and I trust that you will

not hereafter be subjected to any such interference as that described in your letter.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., May 13, 1912.

HON. ROBERT J. MERRILL,

Insurance Commissioner,

CONCORD, N. H.

DEAR SIR:-

In reply to your recent letter requesting an opinion as to whether or not an association the object of which is to pay death benefits at the decease of its members can be incorporated under the provisions of Chapter 147 of the Public Statutes, would say that it is my view that such an association cannot be legally incorporated under the provisions of the Chapter referred to.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., May 13, 1912.

HON. ROBERT J. MERRILL,

Insurance Commissioner,

CONCORD, N. H.

DEAR SIR:-

I have carefully considered your request as to whether or not fire insurance companies, either mutual or stock can be incorporated under Chapter 147 of the Public Statutes of New Hampshire, and also the brief of attorneys Niles & Upton upon this subject. In March,

1894, as suggested by you in your letter, former Attorney-General Eastman rendered an opinion to the then Insurance Commissioner, Hon. John C. Linehan, which reads as follows:-

"The promise by an insurance company to pay money in case of loss by fire is plainly a 'contract for the payment of money upon the happening of a contingency.' My opinion, therefore, is that fire insurance is not included among the purposes for which a voluntary corporation may be formed."

Although there is much force to the arguments presented by those entertaining a contrary view, yet the fact that the opinion expressed by Attorney-General Eastman has been the recognized interpretation of the statute referred to and the policy of the State for more than eighteen years, seems to me to be of controlling importance in deciding the question at the present time, and I am compelled to state, in answer to your question, that my opinion is in accord with his.

I herewith return to you the list of insurance companies submitted with your letter.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., May 24, 1912.

HON. RICHARD M. SCAMMON,

Chairman, Bank Commissioners,

CONCORD, N. H.

DEAR SIR:-

In reply to your letter of the 13th, inst., in regard to the Union Guaranty Savings Bank, it is my opinion that it was the legislative intention that if the special de-

positors of this corporation voted to make the provisions of the Act effectual and to thereafter exercise the power and authority granted by the Act, they were bound to afford the protection, in the shape of capital stock, which the terms of the Act contemplated. The true and intended meaning of the first three lines of Sect. 3 of the Act is, in my opinion, fairly expressed by the following language :-

“A capital stock, which shall not be less than one hundred thousand dollars, may be created by majority (not two-thirds) vote of its special depositors.”

If the view advanced by the Bank was adopted, it would enable it to avail itself of all privileges of the Act and at the same time avoid all of the intended safeguards and responsibilities; or, as you have very aptly stated,—“it would create an accountable agency that is really accountable for nothing.” The liability clause of the Act is convincing, if not controlling, proof of the legislative intention as above interpreted.

You ask my view as to the duties and power of the Bank Commissioners in the premises. Upon reasonable notice from your board the special depositors and the trust company will undoubtedly comply with the requirements of the Act and create the capital stock provided for. Should they fail to do this, in my opinion it would be your plain duty to exercise the power conferred upon you under Section 2 of Chapter 63 of the Session Laws of 1911.

Trusting that the foregoing will make entirely plain the respective duties and powers of this trust company and of the Bank Commissioners in regard to it, I remain,

Yours very truly,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., May 25, 1912.

HON. ROBERT J. MERRILL,  
Insurance Commissioner,  
CONCORD, N. H.

DEAR SIR:-

In reply to your inquiry as to whether the form of agreement marked "reduced rate clause" is permissible in New Hampshire in policies covering buildings, would state that it is my opinion that it was not the legislative intention that any such agreement should be used in policies of insurance issued upon real estate. In my view the use of this clause would be likely to operate to mislead many parties, and it is my judgement that its use should not be permitted upon real estate policies unless legislative sanction has first been obtained.

Respectfully yours,

JAMES P. TUTTLE,  
*Attorney-General.*

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CONCORD, N. H., May 25, 1912.

HON. ROBERT J. MERRILL,  
Insurance Commissioner,  
CONCORD, N. H.

DEAR SIR:-

Replying to your recent inquiry, would say that I have made a somewhat extended examination of the law in reference to fraternal beneficiary organizations and it is my opinion that the ruling which you have already made is correct, namely,—

1. That paid agents, who are regularly employed and devote their time to soliciting membership for such associations, receiving com-

pensation therefor, must be licensed by your department.

2. That no such license should be issued by your department except to persons who, at the date of issue, are *bona fide* residents of New Hampshire.

Trusting that this fully covers the grounds of your inquiry, I remain,

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., May 29, 1912.

HON. NATHANIEL W. WENTWORTH,

Chairman, Fish and Game Commission,

HUDSON, N. H.

DEAR SIR:-

In reply to your inquiry as to whether the prohibition of Chapter 65 of the Session Laws of 1911 includes ponds of the size of ten acres, or not, would say that in my opinion the Act does include ponds of that size.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., June 5, 1912.

HON. ROBERT P. BASS,

Governor of New Hampshire,

PETERBOROUGH, N. H.

MY DEAR GOVERNOR:-

In reply your letter of May 20th, in which you ask



to be advised whether or not State employees come under the provisions of Chapter 180, Section 21, of the Public Statutes, would say that State employees do not come under the requirements of the law in question, and I find no other law upon our statute books which requires the weekly payment of State employees.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

P. S.

I return to you herewith the letter of John J. Coyne, dated May 17, 1912.

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CONCORD, N. H., June 10, 1912.

ORVILLE E. CAIN, Esq.,

County Solicitor,

KEENE, N. H.

BRO. CAIN:-

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In answer to your inquiry as to prosecutions for sales of Jamaica Ginger and like extracts, would say if this compound comes within the definition of Section 1 of Chapter 115 of the laws of 1905, and also within the terms of Section 1 of Chapter 193 of the laws of 1911. I see no legal reason why the party dealing with it should not be punished according to the provisions of the law of 1905 referred to. Have always understood that the compound sold for Jamaica Ginger contained considerably more than one per cent. of alcohol, but if you get hold of any doubtful cases, just send them over to the State chemist and have them analyzed, and ask to have the case continued to await the result of the analysis, unless the party is willing to plead. I should

have written you about this matter some time ago. This happened to be one of the things that was easy to put off.

Trusting you will make short work of this class of dealers, I remain,

Yours very truly,  
JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., June 20, 1912.

HON. EDWARD N. PEARSON,

Secretary of State,

CONCORD, N. H.

DEAR SIR:-

In reply to your inquiry as to whether the provisions of our New Hampshire law require the lamps of an automobile when it is standing on the street to be lighted during the period from one-half hour after sunset to one-half hour before sunrise, would say that in my opinion this provision is limited to an automobile operated or driven upon the streets or highways, which in my view is equivalent to saying that this requirement applies only to an automobile when in motion upon the public highways. I think this is also the reasonable view because when not in operation an automobile is not likely to be more dangerous than any other vehicle in common use.

Trusting that this fully covers the ground of your inquiry, I remain,

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

CONCORD, N. H., June 21, 1912.

HON. EDWARD N. PEARSON,

Secretary of State,

CONCORD, N. H.

DEAR SIR:-

Your inquiry as to the meaning of Section 5 of Chapter 50 of the Session Laws of 1905 has been received. Sections 2 and 5 of this Chapter provide as follows:-

"Sect. 2. The governor with the advice of the council shall appoint for each of the three districts aforesaid one inspector of electric, naptha, gasolene, or steam boats, whose duty it shall be to inspect all such boats, and the boilers and engines thereof, used for the carriage of passengers or freight for hire on any lake, river or pond in their respective districts not subject to the authority in this respect of the United States inspection laws, or where inspections under such laws are not regularly made. The inspectors so appointed shall hold office for the term of two years."

"Sect. 5. The owners or lessees of every electric, naptha, gasolene, or steam boat used for the carriage of passengers or freight for hire, as provided in section 2, shall cause it to be inspected by the district inspector in all its parts, its engines and its boilers, annually, within thirty (30) days prior to its engaging in the carriage of passengers or frieght."

The part of this law especially in question is the phrase "used for the carriage of passengers or freight for hire." In my opinion a boat, when let for a price, is "used - - - for hire" just as completely when it is operated by a lessee as when operated by a regular boatman in the employ of the owner. The reasons why

a boat should be inspected and licensed might be even more controlling when it is to be operated by an inexperienced, or transient, lessee than when operated by the owner or his regularly employed boatman. The language of the Act in fact includes both owners and lessees, but the real test is whether or not the boat is to be "used - - - for hire" in either of the ways suggested, and if in fact so used it should be inspected and licensed, as required by the terms of the statute to which you have called my attention. Plainly this was the legislative intention.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., June 27, 1912.

HON. ROBERT P. BASS,

Governor of New Hampshire,

PETERBOROUGH, N. H.

MY DEAR GOVERNOR:-

I have examined all the papers presented for the requisition of John Lovering alias George Butler alias George Lovering. They appear to be drawn with substantial correctness, and in my opinion requisition should issue on the State of New York for this party.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., July 1, 1912.

J. E. RUNNELS, M. D.,

Supt., State Sanatorium,

WARREN SUMMIT, N. H.

DEAR SIR:-

In your letter of the 22d, inst., you ask to be informed

whether the pay of a person in the employ of the State can be trusted, and in particular, whether a laborer for the Sanatorium can be so trusted. In reply, would say that the State cannot legally be made a trustee for its employees, and it follows that if the laborer to whom you refer is in the employ of the State and paid by the State Treasurer, his wages cannot legally be held by the trustee process.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., July 2, 1912.

HON. EDWARD N. PEARSON,

Secretary of State,

CONCORD, N. H.

DEAR SIR:-

In your communication of recent date you give the following statement of facts:-

"Prior to March 1, 1912, the Commission notified the State Auditor that beginning March 1 the compensation of their chief stenographer would be at the rate of nine hundred dollars a year, instead of at the rate of fifteen dollars a week as theretofore."

"The Auditor declined to put the stenographer on the payroll at the advanced rate, upon the ground that he doubted his authority to do so without the express authorization of the Governor and Council."

"The Public Service Commission claim that such authorization is unnecessary, the Governor and Council being given no authority by law to fix the compensation of employees of that department."

And you request my opinion upon the following questions:-

"1. Is the authorization of the Governor and Council required to warrant the increase in pay in the specific case under consideration?"

"2. If in the future the pay of any employee of the Public Service Commission is increased, must such increase be authorized by the Governor and Council?"

"3. If in the future additional assistants are added to the permanent force of employees of the Public Service Commission, or changes are made in the personel of that force, must the compensation of the new employees be fixed by the Governor and Council?"

"4. If hereafter stenographers, experts or other assistants are employed by the Public Service Commission for special services of limited duration, must their compensation in each instance be fixed by the Governor and Council?"

"5. Must every expenditure by the Public Service Commission under authority of Chapter 164, Sect. 2 (f) and Chapter 165, Sect. 1, of the Laws of 1911, be authorized in advance by the Governor and Council?"

In reply to the questions submitted, would say that, in my opinion, each should be answered in the negative. The legislative intention appears to be, that the Commission should determine how the sum of four thousand dollars should be expended, and that the Governor and Council should determine whether or not the Commission should be permitted to expend a larger sum, up to the limit of seven thousand five hundred dollars, but that whatever sum within this limit the Governor and Council decided to permit the Commission to expend, should be expended according to the best judgment

and determination of the Commission. In other words, it is for the Governor and Council to set the limit of expenditure above four thousand dollars, and for the Commission to determine just how the amount of money approved by the Governor and Council should be spent. Any other rule would lead to constant confusion and embarrassment, and in my view the legislative intention was along the lines above stated.

Respectfully yours,

JAMES P. TUTTLE,  
*Attorney-General.*

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CONCORD, N. H., July 3, 1912.

HON. EDWARD N. PEARSON,  
Secretary of State,  
CONCORD, N. H.

DEAR SIR:-

Your letter of the 1st, inst., has been duly received, in which you state:-

"Clifford E. Monroe, an employee of the New England Telephone and Telegraph Company, at Keene, makes application for a private operator's license. He intends to operate a car owned by the telephone company in connection with his regular work, and the telephone company claims that he does not receive pay for so operating."

I understand you to ask my opinion as to whether this employee of the telephone company should, or should not, be licensed as a chaffeur, under the circumstances stated. Section 1 of Chapter 133 of the Session Laws of 1911, among other things, provides:-

"Chaffeur shall mean any person who operates a motor vehicle other than his own, who,



directly or indirectly, receives compensation therefor."

Section 11 of the same Chapter provides:-

"No person shall employ for hire as a chauffeur, or operator, of a motor vehicle any person not specially licensed as aforesaid."

It is my opinion that the facts stated by you bring this employee of the telephone company within the provisions of the statute and he should not be permitted to operate their car without a license duly issued and all of the requirements relating thereto duly complied with.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

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CONCORD, N. H., August 3, 1912.

WALTER D. H. HILL, Esq.,

County Solicitor,

NORTH CONWAY, N. H.

DEAR BRO. HILL:-

Your letter of the 31st, ult., in reference to the case of Edgar O. Kennison has been duly received, and in reply would say that from a rather hasty examination of the facts which you state, it appears to me that the police court was entirely within its jurisdiction in fixing the fine under Kennison's plea of guilty to the complaint presented. From the affidavits presented to the Secretary of State by lawyer Cottle I judge that the present condition is that Kennison understood he was pleading to a charge under Section 14, and not to a charge under Section 19, of Chapter 133 of the Session Laws of 1911. If this be the fact, the appropriate remedy would seem to be for Kennison's counsel to move to have the present record stricken off and then plead

specifically to a violation of Section 14 and, waiving informality, to submit to a fine under Section 16 of the same Chapter. This would probably, upon proper certification of the record, operate to bring about the reinstatement of his rights under the license. But if there was in fact no mistake and he was operating his car recklessly on June 30th, as the complaint charges, and if, with a full knowledge of the facts, Kennison plead guilty, the conviction of July 1st and the record thereof should stand. If there is a plain mistake of fact and Mr. Justice Gibson is so convinced, then it is for him to set the matter right in the way suggested. If there was no mistake of fact in the procedure in the Conway police court on July 1st, then, of course, Mr. Kennison must suffer the consequence of his reckless driving, for neither the justice court in that event, nor the Secretary of State in any event, has a discretion to relieve him of his present predicament.

Yours very truly,

JAMES P. TUTTLE,

*Attorney-General.*

---

CONCORD, N. H., August 3, 1912.

HON. ROBERT P. BASS,

Governor of New Hampshire,

CONCORD, N. H.

MY DEAR GOVERNOR:-

My attention has been called by the Secretary of State to the requisition of Hon. Eugene N. Foss, Governor of the Commonwealth of Massachusetts, for the extradition of one Peter George who stands charged by complaint with the crime of larceny in a building, which is a felony under the laws of said Commonwealth. The requisition and other papers attached appear to be legal

and complete in all particulars. It is usual, but not necessary, to attach an affidavit as to the facts upon which the complaint is based. Upon consideration of the papers and facts presented and the law in reference to the same, it is my opinion that the requisition should be granted.

Respectfully yours,

JAMES P. TUTTLE,

*Attorney-General.*

---

CONCORD, N. H., August 3, 1912.

HON. EDWARD N. PEARSON,

Secretary of State,

CONCORD, N. H.

DEAR SIR:-

In regard to the case of Edgar A. Kennison of Conway, to which you call my attention, the record shows that a complaint was made against him on July 1st for a violation of Section 19 of Chapter 133 of the Session Laws of 1911. This record further shows that upon arraignment he entered a plea of guilty and was sentenced to pay a fine of ten dollars and costs of five dollars and twenty-nine cents by J. L. Gibson, Justice of the Conway Police Court. It further appears that an abstract of the record in this case was duly sent to you by Justice Gibson, as required by Section 22 of the same law. These facts, in my opinion, required that you should immediately revoke the license of Mr. Kennison upon the presentment mentioned, and the law in question afforded you no discretion to act otherwise. The affidavits and other papers relating to this matter, to which you have called my attention, have no bearing upon the case whatever, so far as your duty in the premises is concerned. If there was any mistake or misunderstanding on the part of Mr. Kennison when

he was arraigned in the Conway Police Court, and if he in fact understood that he was pleading to a charge under Section 14, and not to a charge under Section 19, of the Chapter referred to, that is a matter to be rectified, not by you but by the Conway Police Court. And if counsellor Cottle desires to have the error or mistake, of such there be, corrected, her appropriate procedure will be to enter a motion in the Conway Police Court to have the present record stricken off, and if she can convince the Justice Court that there has been a mistake, and Kennison chooses to waive any informality as to procedure, he can then plead to a violation of Section 14 and be fined under Section 16 of this law, and upon such proceedings duly certified to you I think it would be entirely proper to reinstate Mr. Kennison to his rights under the license. If Mr. Justice Gibson finds that there was no mistake in the prior plea and sentence, then, of course, the present record will stand and Mr. Kennison must suffer the consequences, for, under those conditions, as I have already stated, the law affords you no discretion to relieve him of his reckless act, of which the record, as it now stands, conclusively shows him to be guilty.

Respectfully yours,

JAMES P. TUTTLE,  
*Attorney-General.*

## CASES.

Since January 20, 1912, the following cases have required the attention and work of the Attorney-General:

### 1. Before the Supreme Court.

Grand Trunk Railway v. (1909) State

Grand Trunk Railway v. (1910) State

These cases were appeals by the Grand Trunk Railway of Canada from the assessment of taxes (\$38,417.72) for the year 1909, and from the assessment of taxes (\$37,044.00) for the year 1910, on the Atlantic & St. Lawrence Railroad, which is the corporate name of the Grand Trunk line in New Hampshire and of which it is the practical owner, having a lease of the same for nine hundred and ninety-nine years from 1853. By an order of the Supreme Court the issues in these cases were submitted to a Board of Referees consisting of Hon. William M. Chase, Concord; Hon. Edgar W. Smith, Wells River, Vt., and Hon. John H. Riedell, Manchester. Much time was required from the first of April until early July in their preparation and trial. The final arguments were made and the cases were submitted on July 3, 1912. It is expected that a decision will be returned by the Referees at the September term of the Supreme Court.

By authority of the Governor and Council, Allen Hollis, Esq., was employed to assist in the trial of the cases before the Referees.

In March, 1912, the Boston & Maine Railroad, and in June, 1912, the Grand Trunk Railway filed appeals in the Supreme Court from the taxes assessed against them, respectively, for the year 1911. In these cases no further action has yet been taken.

GEORGE W. GLOVER      v.      HENRY M. BAKER, Ex'r.

This was a proceeding to test the validity of certain provisions of the will of the late Mary Baker Eddy. As the law firm of which the present Attorney-General was a member prior to his appointment were of counsel in the case, by authority of the Governor and Council Robert L. Manning was employed to represent the State's interests, as, if the will was held invalid, the property might, under certain conditions, escheat to the State. The Supreme Court, by its decision, upheld the will.

#### CRAWFORD NOTCH CASE.

At the March term of the Supreme Court, by direction of the Governor and Council, a petition was filed asking for the appointment of a commission to assess the damages to the owners for the taking by the State of 5,925 acres of land, and the wood and timber thereon, situate in Hart's Location, under authority of Chapter 130, Session Laws of 1911. Appropriate order of notice was issued and served upon the several land and timber owners and it was also duly published in the Statesman. Leslie P. Snow, Esq., appeared for Charles H. Morey and George R. Blinn, Trustee, land and timber owners; Drew, Shurtleff & Morris appeared for the Barron Hotel Company, a land and timber owner, and Bernard Jacobs, Esq., appeared for Abraham N. Stahl, a timber owner. At the May term Hon. Edwin G. Eastman of Exeter, Hon. Herbert B. Moulton of Lisbon and Hon. James E. French of Moultonborough were appointed a commission to assess the damages in question. By appointment of the Commission, hearings were begun at the Crawford House on July 15, 1912, and the entire week was devoted to viewing the property and the taking of testimony. At the



end of the week an adjournment was taken to the same place on August 12th. Another full week was consumed in the taking of testimony and on August 16th an adjournment was taken to the Supreme Court Room in Concord on October 7th, when the closing arguments are to be made unless meantime the date is changed for the convenience of counsel or of the Commission. During the progress of the hearings 21 witnesses were presented for the State, and 33 witnesses were presented for the other parties interested. Sherman E. Piper of Parsonfield, Maine, and Ray T. Gile of Littleton, N. H., did the work of surveying for the State, and the bounds are plainly established and the lines brushed out around the entire tract.

In this case Councilor Lord assisted the Attorney-General in the presentation of the case for the State.

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## 2. Before the Superior Court.

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### BELKNAP COUNTY.

STATE

v.

LEE HUTCHINS

This action was a petition filed by Attorney-General Eastman asking for the abatement of the Governor's Island bridge nuisance, which was built so low as to obstruct the free passage of boats and rafts. In June, 1912, Mr. Justice Pike appointed Hon. William M. Chase as Master to try the case. August 26th, at the Court House in Laconia, was fixed as the time and place of hearing. Two views were taken, and the entire week was devoted to the taking of testimony and the making of the arguments. An early and favorable decision is confidently expected. Mr. Hutchins was represented at



the trial by Walter S. Peaslee, Esq., and Charles B. Hibbard, Esq. The State's case was presented by Councilor Lord and the Attorney-General.

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CARROLL COUNTY.

STATE v. I. H. DAVIS

This is a proceeding brought by Attorney-General Eastman to protect and perfect the title to Cathedral Ledge Park which was presented to the State by the Rev. Daniel Merriman. It is hoped that the case may be tried at the coming November term.

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CHESHIRE COUNTY.

STATE v. GEORGE BUTLER otherwise called  
JOHN H. LOVERING.

In this case the respondent shot and killed one George Southwick at Walpole, December 23, 1911, and fled from the state before an arrest could be made. An indictment for murder was found against Butler at the April term of court. In June, Butler was apprehended and arrested in New York. A requisition issued and he was brought to New Hampshire. Serious doubts were entertained as to his sanity, and on July 17th, by order of the court, he was committed to the State Hospital for examination. The case against him will be in order for trial at the October term, unless meantime it conclusively appears that he is in fact insane.

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COOS COUNTY.

(a) ALVAH T. WENTWORTH

v. OLIVER H. TOOTHACKER, *et al.*

(b) T. F. AND C. L. BALDWIN

v. OLIVER H. TOOTHACKER, *et al.*

(c) PERCY SUMMER CLUB

v. OLIVER H. TOOTHACKER, *et al.*

These cases are appeals from the action of a Commission, of which Mr. Toothacker was the Chairman, appointed by the Governor and Council to lay out a highway to Christine Lake in the town of Stark. The appellants claim that the Act (Chapter 184, Session Laws 1911) authorizing this particular lay-out is unconstitutional, and the case is likely to be transferred to the Supreme Court for final decision.

## GRAFTON COUNTY.

STATE

v.

HERMAN STEINLOSKI

This is a homicide case in which the respondent shot and killed one John McCoo at Groton on June 4, 1912. There was one eye witness to the shooting, and Steinloski was promptly arrested and bound over without bail to the September term of court at Woodsville.

## HILLSBOROUGH COUNTY.

(a) P. BERGERON v.

STATE BOARD OF MEDICAL EXAMINERS.

This was a petition brought by Dr. Bergeron under the provisions of Chapter 17 of the Session Laws of 1907, claiming the right to a certificate to practise medicine in New Hampshire. A hearing was had at the January term, and the court decided in favor of the petitioner.

(b) STATE v. NORMAND BROTHERS.

In this case a complaint was brought against the respondents upon their refusal to comply with a regulation of the State Board of Health requiring the wrapping of bread when sent out from their bakery. The case was tried at the January term and a verdict was returned against the respondents who now claim that the law under which the State Board of Health acted (Chapter 15, Session Laws 1911) is unconstitutional, and the case has been transferred to the Supreme Court for a decision upon the questions raised by the respondents.

(c) STATE v. SARAH CONNERY.

An action was brought in this case against the defendant for the penalty of her liquor bond in consequence of an alleged violation of the terms of her first-class license issued by the License Commissioners for use in a hotel on Bridge St. in Nashua. The case was entered at the May term and will be tried at the earliest convenient date.

(d) STATE BOARD OF TRADE, *et al* v. AMERICAN EXPRESS CO.

A full statement of the facts in this case appears in the last 28 pages of the Railroad Commissioners' Report for 1908, which was, in short, a petition for lower express rates in New Hampshire. The Board of Railroad Commissioners, after extended hearings, decided in favor of the petitioners. From this decision the Express Company appealed. Under the authority granted in Chapter 202 of the Session Laws of 1911 Attorney-General Eastman employed the law firm of Taggart, Burroughs & Wyman to prosecute this appeal in behalf of the State. The case was tried at the May term, 1912. A short time thereafter Chief Justice Wallace, who heard the case, was taken ill, and for that reason no decision has yet been rendered by him.

## ROCKINGHAM COUNTY.

(a) STATE	v.	FRANK MCGUIRE, <i>et al.</i>
(b) STATE	v.	JOSEPH SALVAIL, <i>et al.</i>
(c) STATE	v.	DANIEL A. REGAN, <i>et al.</i>
(d) STATE	v.	DENNIS B. BURKE, <i>et al.</i>
(e) STATE	v.	EDMUND BROWN, <i>et al.</i>
(f) STATE	v.	MAURICE M. O'LEARY, <i>et al.</i>
(g) STATE	v.	ALEXANDER ROBERGE, <i>et al.</i>

These seven cases are each actions brought by Attorney-General Eastman upon liquor bonds, and it is hoped that they can be tried or otherwise disposed of at the next October term.

## FINANCIAL STATEMENT.

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The following is a statement of the application of the balances of the several appropriations for the Attorney-General's Department available January 20, 1912.

### SALARY OF ATTORNEY-GENERAL.

Jan. 20.	Balance available .....	\$1,833.34
Feb. 29.	Received salary to March 1, \$333.34	
Mar. 29.	Received salary to June 1, 750.00	
Aug. 30.	Received salary to Sept. 1, 750.00	1,833.34

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### CLERICAL EXPENSES.

Jan. 20.	Balance available .....	\$1,229.24
	Paid Ferdinand Farley, clerical services and travel- ing expenses, Feb. 16 to Aug. 30, inclusive, as per vouchers on file.....	\$731.92
	Paid Isabelle E. Smith, clerical services as per vouchers on file.....	20.00
	Paid William M. Haggett, stenographic services as per vouchers on file.....	40.40
		<hr style="width: 10%; margin-left: 0;"/>
		792.32
Aug. 31.	Balance,	<hr style="width: 10%; margin-left: 0;"/> \$436.92

### INCIDENTIALS.

Jan. 20.	Balance available .....	\$1,497.15
Feb. 16.	Paid Doten & Dunton, stenographer's desk .....	\$ 71.30
Mar. 13.	Paid Library Bureau, cabi- net, copier and supplies	153.73

Mar. 13.	Paid Remington. Type- writer Co., No. 10 Rem- ington machine and rib- bon book .....	101.50	
May 15.	Paid F. B. Lang, set of N. H. Reports .....	562.50	
Aug. 30.	Paid Derby Desk Co., book-case .....	42.00	
	Other minor incidentials from Feb. 16 to Aug. 30, inclusive, as per vouchers on file .....	289.51	1,220.54

Aug. 31.	Balance,	276.61
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## EXPENSES OF ATTORNEY-GENERAL.

To mileage and traveling expenses of Attorney-Gen- eral, Jan. 22 to Aug. 31, inclusive, as per state- ment on file .....	255.95
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## PRINTING BLANKS.

Jan. 20.	Balance available .....	\$99.02
	Paid for paper, envelopes and printing, as per vouch- ers on file .....	4.88

Aug. 31.	Balance	94.14
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## ENFORCEMENT OF THE LIQUOR LAW.

Jan. 20.	Balance available .....	\$500.00
Apr. 30.	Cash paid for special ser- vices investigating viola- tions of the liquor law in Rockingham County, as per voucher on file .....	\$131.00

Aug.17.	Cash paid for special services investigating violations of the liquor law in Strafford County as per voucher on file .....	109.62	
Aug.30.	Cash paid for special services investigating violations of the liquor law in Hillsborough, Rockingham and Sullivan Counties as per vouchers on file..	150.66	391.28
Aug.31.	Balance		108.72
	Expense of the prosecution of the Grand Trunk Tax Appeal Case, as Provided for in Chapter 202 of the Session Laws of 1911.		
June 14.	J. C. Hutchins, services investigating real estate values, witness fees and expenses .....		71.94
June 14.	W. T. Pike, services investigating real estate values, witness fees and expenses .....		75.44
June 14.	J. H. Woodward, services investigating real estate values, witness fees and expenses .....		120.76
June 14.	Lloyd & Mann, services as engineers and expenses .....		64.21
June 28.	E. P. Thompson, services, witness fees and expenses .....		25.00
			357.35
Aug.17.	F. E. Shurtleff, stenographic services .....		165.70



Aug. 30.	W. H. Laws, services as messenger	6.00	
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529.05

Legal services of Allen Hollis employed by the authority of the Governor and Council, from April 12, 1912, to July 3, 1912, in the preparation and trial of the Grand Trunk tax appeal case as above stated....	400.00
Expenses paid during same time ..	42.07

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442.07

Legal Services of Robert L. Manning, employed by authority of the Governor and Council, in the case of George W. Glover v. Henry M. Baker, Ex'r, <i>et al.</i> , elsewhere referred to in this report. (See Supreme Court cases) .....	320.00
Expense items in same matter, viz:	

Mar. 5.	Paid expense .....	\$ 1.36
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Mar. 6.	Telephone to Attorney-General of Massachusetts at Boston .....	.25
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Mar. 6.	Paid expense .....	2.12
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Mar. 13.	Paid expense .....	1.36
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Mar. 14.	Paid expense .....	.86
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Mar. 15.	Paid expense .....	1.72
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Apr. 18.	Paid Nutfield Press for "brief" .....	11.00	18.67
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338.67

Legal services of Robert L. Manning, employed by authority of the Governor and Council, in investigating questions of law in various

cases from Jan. 23, to April 3, 1912,	
inclusive .....	\$305.00
Paid telephone toll .....	.10
	<hr/>
	\$305.10

No moneys have been received from, or on account of, the State except the payment of salary and expenses, and there are no funds in my hands belonging to the State.

In addition to the opinions rendered, which appear in this report, the attorney-general has been called upon to answer many inquiries from citizens of the state involving questions of law. Copies of these replies are on file in this office.

#### RECOMMENDATION.

For the purpose of securing a prompt and effective enforcement of the laws of the state, it would be a great advantage if provision was made for the appointment of a State Police of one or more members, with powers and duties similiar to those provided by the laws of Massachusetts. Such officer, or officers, could co-operate with the sheriffs of counties and the police of cities and towns and materially hasten the apprehension and punishment of offenders in difficult cases. Appropriate legislation for this purpose has been recommended by my predecessor and I feel it my duty to call the subject to the attention of the Legislature of 1913 in the hope that favorable action may be taken.

Respectfully submitted,

JAMES P. TUTTLE,  
*Attorney-General.*

Concord, N. H.,  
September 1, 1912.

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STATE OF NEW HAMPSHIRE

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THIRTY-SIXTH ANNUAL REPORT

OF THE

COMMISSIONERS OF  
PHARMACY

FOR THE YEAR

1911

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RUMFORD PRESS  
Concord, N. H.  
1912

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## LETTER OF TRANSMISSAL

December 1, 1911.

TO HIS EXCELLENCY, ROBERT P. BASS,  
Governor of New Hampshire,  
AND HONORABLE COUNCIL.

*Gentlemen:*

In compliance with Chapter 135, General Statutes, relating to pharmacy and the sales of drugs and medicines, I have the honor to transmit herewith the report of the Board of Pharmacy for the year 1911.

ALBERT S. WETHERELL,  
*Secretary.*

## BOARD OF COMMISSIONERS

EDWARD H. CURRIER, M. D.....	<i>President</i>
ALBERT S. WETHERELL.....	<i>Secretary</i>
HERBERT E. RICE.....	<i>Auditor</i>

## REPORT OF COMMISSIONERS OF PHARMACY

CONCORD, N. H., December 1, 1911.

TO HIS EXCELLENCY THE GOVERNOR

AND HONORABLE COUNCIL:

Your commissioners have the honor to submit the thirty-sixth annual report of the Commission of Pharmacy and Practical Chemistry of the State of New Hampshire for the year ending November 22, 1911.

Monthly meetings for the examination of applicants for registration have been on trial during the past year. They will be continued, occurring always on the fourth Wednesday of each month, except July and August.

On April 26, 1911, the board held its first meeting in the remodeled State House, where permanent headquarters have been established, two large rooms on third floor being assigned to the board.

### EXAMINATIONS

Fifty-six applicants have taken the examination for registered pharmacists. Sixteen for that of registered assistant.

Of these, there were successful, eighteen seniors and seven juniors. To these have been granted certificates of registration.

The examinations, both written and oral, include the following subjects, viz.:

Chemistry, theoretical and practical pharmacy, botany, materia medica and therapeutics, toxicology, examination and identification of drugs and medicines. Percentage required, 75 per cent.

### REGISTRATION

Biennial registration was by law made compulsory, beginning January 1, 1910. A very general compliance by pharmacists has been shown, 393 have been registered.

The certificates of registration of all who have failed to register will be declared forfeited on January 1, 1912.

A notice will be sent to every registered pharmacist who has continued his registration, that applications for registration will be in order after January 1, 1912, until April 1, 1912.

#### RECIPROCITY

The exchange of reciprocity certificates between New Hampshire and other New England states during the year were two to Maine and one to Massachusetts.

#### ENFORCEMENT

Your commissioners have visited the following places as required in the discharge of their duty: Concord, Manchester, Contoocook, Nashua, Salem, Franklin, Center Harbor, Bethlehem and Carroll.

The small appropriation allowed by the Legislature makes it impossible to render such service as the board could desire or the exigencies seem to demand.

#### ANNUAL MEETING

At our annual meeting October 22, 1911, the following officers were elected to serve one year: President Edward H. Currier, Manchester; Secretary Frank H. Wingate, Nashua; Auditor Albert S. Wetherell, Exeter.

His Excellency appointed as Commissioner, Herbert E. Rice, Nashua, to date from November 10, 1911.

Mr. Wingate, after serving six years continuously as Secretary, retires from the board with the best wishes of the members. His duties as Secretary have been arduous and constant, and the members of the board gladly testify to his earnest and untiring efforts in the discharge of the manifold duties as Commissioner and Secretary of the Board.

At a special meeting, November 7th, the resignations of Secretary and Auditor were received and election of Albert S. Wetherell, Secretary, was made.

At the regular monthly meeting, November 22, Herbert E. Rice was elected Auditor.

## RULINGS OF THE COMMISSION

Apothecaries, druggists, and all persons engaged in the manufacture, compounding or selling of drugs, poisons or medicines are required to be extraordinarily skillful, and to use the highest degree of care known to practical men, to prevent injury from the use of such articles and compounds.

The Pharmacy law requires that every drug store in New Hampshire must be under the direct charge of a registered pharmacist of this state, and also requires that every person who sells drugs and medicines, or compounds or dispenses medicines shall be registered.

A registered assistant may sell drugs and medicines at any time under the direct supervision of a registered pharmacist, and he is the only person so privileged. A registered assistant has no right or authority to manage or conduct a pharmacy, either on his own account or for another. He may, however, act as clerk or salesman in a drug store or pharmacy during the temporary absence of the owner or manager.

The Commission of Pharmacy construes the words "temporary absence" to mean while the registered pharmacist is gone to his meals or any like necessary duty, requiring no more time than is generally so consumed. Prolonged or unnecessary absence is not contemplated.

The registered assistant can not take charge of a store for weeks at a time. It is the evident intention of the pharmacy law to keep every drug store or pharmacy under the immediate charge or supervision of a registered pharmacist during all the time the drug store or pharmacy is open for business.

Any place where drugs and medicines are sold is a drug store within the law.

A practicing physician unregistered can not keep a drug store or sell drugs or medicines which he has not prescribed.

The total average percentage to obtain registration is seventy-five per cent.

Graduates of Schools of Pharmacy will not be registered without examination.



Graduates of Schools of Medicines will not be registered without examination.

The Commissioners have officially sanctioned the sale of the following articles by unregistered persons, believing they are not included in the terms "drugs and medicines": Alum, ammonia, baking powder, benzine, borax, brimstone, blue vitriol, camphor, copperas, cream tartar, chloride of lime, flavoring extracts, glycerine, hellebore, insect powder, Iceland moss, Irish moss, indigo; oils—sweet, olive, machine, sperm, linseed, petroleum; potash, resin, saleratus, salsoda; seeds—flax, canary, anise, hemp, millet, coriander; spirits of turpentine; washing compounds.

# REPORT

OF THE

# FISH AND GAME COMMISSIONERS

OF

# NEW HAMPSHIRE

TO THE

GOVERNOR AND COUNCIL

SEPTEMBER, 1912

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MANCHESTER, N. H.

PRINTED BY THE JOHN B. CLARKE COMPANY.

1912



## FISH AND GAME COMMISSIONERS' REPORT.

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*To His Excellency, the Governor and the Honorable Council:*

The Commissioners of Fish and Game herewith submit their biennial report for the two years ending August 31, 1912.

So far as fish and game are concerned, the past two years, in many ways have been an improvement on the previous two years.

We have secured more convictions of violations of our fish and game laws having had a larger detective fund to work with.

We have erected and furnished a new hatchery at Conway from the appropriation given us at the last session of the legislature. As a rule your commission do not believe in an additional number of hatcheries. This hatchery at Conway was needed for this particular section, as it is a hard section to reach from either Colebrook or Laconia hatcheries. At the above-mentioned hatcheries the water supply has been insufficient for the last four years, and the supply we have received oftentimes, especially after a long rain or heavy shower, has not been suitable for the propagation of fish. It must be remembered that our commission have never had the power to locate a hatchery. With one good hatchery where the water supply could be taken from some lake where an abundance of water could be obtained, we could grow more fish than are grown in all our present hatcheries. Many of the states have a fish car in which fish from a hatchery of this character can be transported to all sections of the state. The fish cultural interest to the state of New Hampshire is of great benefit to her and should be fostered as it is in other states.

The question of licensing fishermen, both resident and non-resident, is being agitated, and in fact they have a law in a

number of the states that requires a fisherman to take out a permit to fish. This is agitated especially by the hunters who claim (and justly too) that the resident and nonresident permit money is used for the benefit of the fisherman, almost wholly, as we do not propagate game, only protect it. Your commission have tried to purchase quail from states where they thrive, but as laws in most of these states prevent the selling or transporting live birds from one state to another have been passed it has been impossible for us to obtain a supply.

The brook trout fishing, notwithstanding the severe droughts of the last four years, has been especially fine. Your commission believe that the close season on brook trout should commence August 1 and end April 1. The lake trout fishing has been excellent in all our lakes that are stocked with them. There is much interest at the present time in the King or Chinook salmon, the spawn of which was taken on the Pacific coast and donated to our state through the courtesy of the United States Commission, both as spawn and fingerlings—the fingerlings from the United States station at Nashua. This variety of fish have been planted in several of our lakes, Winnipiseogee, New Found and Sunapee. In Sunapee, especially, they have done remarkably well. As many as two thousand have been taken from this lake since the ice went out in 1912. They vary in size, owing to the time of planting. The largest we have any record of was taken last fall by the United States Commission weighing twenty pounds. Specimens have been taken heavy with spawn, but as yet their spawning beds have not been discovered. The best article we have read on the Chinook salmon was written by Dr. John D. Quackenbos, and was read at the Canadian Camp club by the doctor, February 26, 1912. It was printed in the "Concord Monitor," August 8, 1912, where no doubt a copy can be obtained. In the May issue of the "National Geographic Magazine" is an article written by the Hon. Hugh M. Smith, deputy of fisheries on America's most valuable fishes. Through the Lake Sunapee Fishing Association a large number of fingerling salmon have been received for the lake.

July 29, 1912, an allotment came from the United States hatchery at Nashua to the Sunapee Lake Fishing Association. As the shores of the lake are inhabited by bass, perch and sunfish at this season of the year your Commission did not think it advisable to plant them in the lake. For this reason we went up the Pike brook, in the Davis meadow and screened off about half a mile of the brook. There were quite a lot of brook trout in this inclosure, as the brook is closed to all fishing. The trout, as we supposed, were about all taken from this inclosure and liberated above and below the screens. But, after putting the salmon in, it was found quite a number of the trout had been left. These trout seemed to know the salmon were something foreign to the brook, as they commenced to feed upon them immediately, not taking any of the shiners or smaller trout that naturally breed in the brook. From one of these trout eight inches in length fifteen small salmon were taken.

This method of retaining the salmon in a brook is much better than feeding them in artificial ponds where there is nothing for them to eat but what is fed to them. In the brooks there is not only lots of natural food for them besides what is fed them, they soon learn to keep to the bottom and hide under the banks of the brook, coming out for the food we give them. It has been suggested we have a limit to the number of salmon or trout a person may take each day. We know where one person has taken over seventy salmon this season. Taking as many as six in one day and this does not include those taken by members of his family. It seems to us that two salmon a day to a person is enough, and there should be a limit to the number to be taken each season by any person.

#### BASS.

The black bass fishing has not been up to the average this season in any of the waters of the state. It is true they are a very uncertain fish in their feeding habits.

There is no question but there are ten summer people come

to New Hampshire to fish for bass where there is one comes for trout or salmon. When they have once been established in a body of water it is impossible to ever rid it of them. But for all that a fish that is worth protecting at all should be protected during their spawning season.

The close season on bass should be May and June at least, and to July 15th would be better. This would well apply to hornpouts. The open season should be extended to July 1. They are a valuable fish and readily sell for twenty-five cents a pound. It must be remembered the fishermen are increasing, and fish we do not propagate can only be saved by the length of the open season.

### ELK.

We have received no complaints of damage having been done by the large herd of elk that inhabit the rugged mountains and the section surrounding it. As many as forty in a herd have been seen at one time. They are, evidently, increasing rapidly.

### DEER.

The deer, if not increasing, are holding their own, as we have reported before. In our state there is no way of knowing the number that is killed each season. In the southern part of the state there is no question but that more deer are killed by dogs than by the hunters. A law, should be passed to prevent these self-hunting dogs running at large, during the close season especially.

A large number have been killed while doing damage to crops. In all cases where deer have been killed in this way your Commission or their detectives have investigated and in every instance found the killing warranted.

### GROUSE AND WOODCOCK.

The ruffed grouse, commonly called partridge, we are pleased to report are on the increase. This report of increase comes from all sections of the state. In the opinion of your



Commission this is the most desirable game bird for New Hampshire that exists today. As we do not propagate them the only way we can save them is by the length of our open season.

As the feeding grounds of the woodcock are in better condition this season than for years and the supply of native birds seems to be good, we are expecting excellent shooting this fall of both the grouse and woodcock.

We have to report a marked decrease in the number of our song and insectivorous birds. We consider the house cat one if not the worst enemy our birds have. Then we have the spraying of our trees that kill many more.

NATHANIEL WENTWORTH,

CHAS. B. CLARKE,

FRANK P. BROWN,

*Commissioners of Fish and Game.*

# LIST OF FISH AND GAME COMMISSIONERS OF THE UNITED STATES.

---

## ALABAMA.

### DEPARTMENT OF FISH AND GAME.

John H. Wallace, Jr., commissioner, Montgomery.  
S. W. Watts, secretary, Montgomery.

## ARIZONA.

Act just passed establishing a commission. (No commissioner yet appointed.)

## ARKANSAS.

### GAME AND FISH PROTECTIVE ASSOCIATION.

E. V. Visart, secretary, Little Rock.

## CALIFORNIA.

### FISH AND GAME COMMISSION.

F. M. Newbert, president, Sacramento.  
Carl Westerfeld, commissioner, Los Angeles.  
M. J. Connell, commissioner, Los Angeles.  
Ernest Schaeffle, secretary, San Francisco.

## COLORADO.

### DEPARTMENT OF FISH AND GAME.

Roster of State Game and Fish Department:

James A. Shinn, state game and fish commissioner, Denver.  
Rudolph Borchardt, deputy commissioner, Denver.  
R. L. Spargur, chief clerk, Denver.  
H. L. Pierce, clerk and stenographer, Denver.

W. P. Hummel, chief special game warden, Denver.

S. S. Poe, chief game warden, first district, Greeley.

W. E. Campbell, chief game warden, second district, Alamosa.

C. L. Gilmer, chief game warden, third district, Glenwood Springs.

R. E. Norvell, chief game warden, fourth district, Hayden.

J. L. Gray, chief game warden, fifth district, Fort Collins.

W. E. Patrick, general superintendent State Fish Hatcheries, Denver.

C. A. Ribbing, superintendent Denver Hatchery, Denver.

Chas. Dowdell, superintendent Grand Co. Hatchery, Sulphur Springs.

L. B. Crawford, superintendent Routt Co. Hatchery, Steamboat Springs.

J. P. Bengard, superintendent Del Norte Hatchery, Del Norte.

T. L. Hamor, superintendent La Plata Hatchery, Durango.

S. E. Thompson, superintendent Glenwood Hatchery, Glenwood Springs.

S. E. Land, superintendent Marvine Hatchery, Buford.

G. H. Thomson, superintendent Estes Park Hatchery, Estes Park.

## CONNECTICUT.

### COMMISSION OF FISHERIES AND GAME.

Frank W. Hewes, M. D., president, Groton.

Frank O. Davis, Putnam.

E. Hart Geer, secretary, Hadlyme.

## DELAWARE.

### BOARD OF GAME AND FISH COMMISSIONERS.

Edw. G. Bradford, Jr., president, Wilmington.

Wm. H. Reed, vice-president, Dover.

H. C. Davis, secretary and treasurer, Laurel.

## GEORGIA.

## GAME AND FISH COMMISSION.

Jesse E. Mercer, Atlanta.

## IDAHO.

## FISH AND GAME DEPARTMENT.

Ben. R. Gray, warden, Boise.  
F. M. Kendall, chief deputy, Twin Falls.  
F. C. Cliff, clerk, Boise.  
R. J. Hanlon, deputy, Sandpoint.  
R. L. Pennell, deputy, Lewiston.  
W. H. Taylor, deputy, Thunder.  
L. C. Jones, deputy, Gooding.  
R. B. French, deputy, Bellevue.  
W. H. Mack, deputy, Idaho Falls.  
George Connell, superintendent, Heyburn Park, Chateolet.

## ILLINOIS.

## GAME COMMISSION.

John A. Wheeler, commissioner, Springfield.

## FISH COMMISSION.

R. R. Meents, president, Ashkum.  
S. P. Bartlett, secretary, Quincy.  
E. E. Caldwell, commissioner and chief warden, Havana.

## INDIANA.

## FISH AND GAME COMMISSION.

George W. Miles, commissioner, Indianapolis.  
R. D. Flemming, chief deputy, (north), Fort Wayne.  
Jacob Sottong, chief deputy (south), Brookville.

## IOWA.

## STATE FISH AND GAME WARDEN.

George A. Lincoln, warden, Cedar Rapids.

## KANSAS.

## DEPARTMENT OF FISH AND GAME.

Lewis Lindsay Dyche, state fish and game warden, Pratt.

## KENTUCKY.

## GAME AND FISH COMMISSION.

J. G. Sachs, chairman commission, Louisville.

R. R. Burnam, commissioner, Richmond.

A. G. Patterson, commissioner, Pineville.

J. E. Crider, Jr., commissioner, Fredonia.

J. Quincy Ward, executive agent, Frankfort.

## LOUISIANA.

## CONSERVATION COMMISSION.

M. L. Alexander, president, city of New Orleans.

J. A. Dayries, commissioner, city of New Orleans.

E. T. Leche, commissioner, city of New Orleans.

## MAINE.

## COMMISSIONERS OF INLAND FISHERIES AND GAME.

J. S. P. H. Wilson, commissioner, Auburn.

Blaine S. Viles, commissioner, Augusta.

F. E. Mace, commissioner, Augusta.

M. H. Hodgdon, secretary, Augusta.

## MARYLAND.

## DEPARTMENT OF GAME AND FISH PROTECTION.

W. S. Smith, Hayes.

Edward S. Phillips, Cambridge.

Franklin E. Cox, Baltimore.

## MASSACHUSETTS.

## COMMISSIONERS ON FISHERIES AND GAME.

George W. Field, commissioner, chairman, Sharon.

George H. Garfield, commissioner, Brockton.

George H. Graham, commissioner, Springfield.

## MICHIGAN.

## STATE GAME, FISH AND FORESTRY WARDEN.

William R. Oates, warden, Lansing.

David R. Jones, chief deputy warden, Lansing.

## MINNESOTA.

## GAME AND FISH COMMISSIONERS.

Hon. George J. Bradley, president, Norwood.

E. L. Ogilvie, first vice-president, St. Paul.

D. L. Durkin, second vice-president, Frazee.

O. J. Johnson, secretary, Glenwood.

H. A. Rider, executive agent, Little Falls.

E. W. Cobb, superintendent of fisheries, St. Paul.

## MISSOURI.

## STATE FISH COMMISSION.

Jesse A. Tolerton, commissioner, Springfield.

L. A. Geserich, president, St. Louis.

Edwin A. Lee, secretary, St. Louis.

Richard Porter, vice-president, Paris.

W. H. Safford, superintendent, Lake Contrary Hatchery,  
St. Joseph.

Phil Kopplin, superintendent, Forest Park Hatchery, St.  
Joseph.

## MONTANA.

## STATE FISH COMMISSION.

E. P. Mathewson, chairman, Anaconda.

Geo. E. Doll, secretary, Pleasant Valley.

M. D. Baldwin, Kalispell.

W. M. Bickford, Missoula.

Henry Avare, state game warden, Helena (member *ex officio*).

H. D. Dean, superintendent State Fish Hatchery, Anaconda.

## NEBRASKA.

## GAME AND FISH COMMISSION.

Chester H. Aldrich, chief, Lincoln.  
Henry N. Miller, chief deputy, Lincoln.  
L. F. Miller, Lincoln.  
W. J. O'Brien, superintendent, Grana.  
R. W. Hyers, deputy game warden, Lincoln.  
W. A. Huff, deputy game warden, superior.  
W. D. Clarkson, deputy game warden, Valentine.

## NEVADA.

## STATE FISH COMMISSION.

Geo. T. Mills, chairman, Carson City.  
E. B. Yerington, secretary, Carson City.  
James Clark, Reno.

## NEW HAMPSHIRE.

## FISH AND GAME COMMISSION.

Nathaniel Wentworth, chairman, Hudson.  
Charles B. Clarke, secretary, Concord.  
Frank P. Brown, Whitefield.

## NEW JERSEY.

## FISH AND GAME COMMISSIONERS.

Ernest Napier, president, Bridgeton.  
William A. Logue, treasurer, High Bridge.  
Percival Chrystie, Atlantic City.  
W. A. Faunce, Atlantic City.  
Walter H. Fell, secretary, Trenton.

## NEW MEXICO.

## GAME AND FISH WARDEN.

Trinidad C. De Baca, warden, Sante Fé.



## NEW YORK.

## CONSERVATION COMMISSION.

## Commissioners:

George E. Van Kennen, chairman, Ogdensburg.

James W. Fleming, Troy.

John D. Moore, New York City.

## Deputy Commissioners:

Charles H. Jackson, Albany.

Thomas H. Guy, Troy.

James J. Fox, New York City.

Albert E. Hoyt, secretary to commission, Albany.

John J. Farrell, assistant secretary to commission, Troy.

Matthew H. Hoover, chief of publication, Lockport.

Dr. Tarleton H. Bean, state fish culturist, New York City.

Lewellyn L. Legge, chief game protector, Binghamton, N. Y.

Joseph V. Sauter, deputy chief game protector, New York City.

Edwin Bailey, superintendent marine fisheries, Patchogue, L. I.

Matthew Horgan, deputy-superintendent marine fisheries, New York City.

Clifford R. Pettis, superintendent forests, Albany.

William G. Howard, deputy superintendent forests.

David C. Wood, chief land surveyor, Herkimer.

## NORTH CAROLINA.

## FISH COMMISSIONER.

C. S. Vann, commissioner, Edenton.

Dr. Joseph Hyde Pratt, geologist, Chapel Hill.

P. D. Gold, Jr., Greensboro.

## NORTH DAKOTA.

## GAME AND FISH BOARD OF CONTROL.

W. E. Byerly, president, Valva.

J. P. Lamb, vice-president, Michigan City.

Tobias D. Casey, chief game warden, District No. 1, Minot.  
E. H. Stenvick, chief game warden, District No. 2, Fargo.  
F. W. McLean.

## OHIO.

## FISH AND GAME COMMISSION.

Paul North, president, Cleveland.  
Thomas B. Paxton, Cincinnati.  
J. F. Rankin, South Charleston.  
Gill McCook, Steubenville.  
Walter C. Staley, Dayton.

## Officers of the commission:

Jno. C. Speaks, chief warden.  
C. F. Mahaffey, secretary.  
Office: Columbus, Ohio.

## OKLAHOMA.

## STATE GAME AND FISH WARDEN.

John B. Doolin, Oklahoma City.  
Don. B. Lawhead, secretary, Oklahoma City.

## District No. 1:

J. E. Patterson, Alva, Okla.  
Cimmaron, Texas, Beaver, Harper, Ellis, Woods, Alfalfa,  
Major, Woodward and Grant.

## District No. 2:

D. W. Drennan, Thomas, Okla.  
Roger Mills, Custer, Dewey, Blaine, Kingfisher, Logan and  
Beckham.

## District No. 3:

N. E. Medlock, Rocky, Okla.  
Harmon, Greer, Comanche, Kiowa, Jackson, Swanson, Till-  
man, Washita and Caddo.

## District No. 4:

William Edwards, Chickasha, Okla.  
Grady, Stephens, Jefferson, Canadian and Oklahoma coun-  
ties.

## District No. 5:

L. W. Cruce, Ardmore, Okla.

Love, Carter, Garvin, McClain, Cleveland and Pottawatomie.

## District No. 6:

W. D. Ozmun, Fairfax, Okla.

Osage, Kay, Payne, Pawnee, Noble and Garfield.

## District No. 7:

R. E. Seamans, McAlester, Okla.

Hughes, Pittsburg, Latimer, Haskell, Seminole, Okfuskee, Lincoln and Leflore.

## District No. 8:

Dr. W. M. Ligon, Ada, Okla.

Marshall, Pontotoc, Johnson, Atoka, Murray and Coal.

## District No. 9:

George F. Wyvell, Claremore, Okla.

Washington, Nowata, Rogers, Creek and Tulsa.

## District No. 10:

W. M. Ballew, Cookson, Okla.

Craig, Delaware, Ottawa, Cherokee and Adair.

## District No. 11:

Ben Watt, Muskogee, Okla.

Muskogee, Sequoyah, Wagoner, Okmulgee, McIntosh and Mayes.

## District No. 12:

Julius Ward, Hugo, Okla.

Bryan, Choctaw, Pushmataha and McCurtain.

## OREGON.

## FISH AND GAME COMMISSION.

C. K. Cranston, chairman, Pendleton.

J. F. Hughes, secretary, Salem.

C. F. Stone, Klamath Falls.

M. J. Kinny, Portland.

G. H. Kelley, Portland.

Wm. L. Finley, state game warden, Portland.

R. E. Clanton, master fish warden, Portland.

## PENNSYLVANIA.

## DEPARTMENT OF FISHERIES.

N. R. Butler, commissioner, Harrisburg.  
John Hamberger, commissioner, Erie.  
Henry C. Cox, commissioner, Wellsboro.  
John C. Ogden, commissioner, Johnstown.  
W. A. Leisenning, commissioner, Mauch Chunk.

## RHODE ISLAND.

## COMMISSIONERS OF INLAND FISHERIES.

Chas. W. Willard, president, Westerly.  
William H. Boardman, vice-president, Central Falls.  
William P. Morton, secretary, Providence.  
Adelbert D. Roberts, auditor, Woonsocket.  
Isaac H. Clarke, treasurer, Jamestown.  
Daniel B. Fearing, Newport.  
William R. Rose, Tiverton.  
Deputy commissioners:  
William T. Luth, chief deputy, Newport.  
J. B. Harrington, Newport.  
J. B. Allen, New Shoreham.  
A. Willis, New Shoreham.  
Ernest W. Barnes, superintendent Hatchery and Experiment Station, Wickford.  
Office of the commission:  
Room 304, State House, Providence, R. I. Telephone  
Union 2360, Extension 8, P. O. Box 687.

## SOUTH CAROLINA.

## STATE BOARD OF FISHERIES.

Wm. L. Harrigan, Georgetown, S. C.  
L. C. A. Roessler, Charleston.  
W. C. Vincent, Bluffton.

SOUTH DAKOTA.

DEPARTMENT OF GAME AND FISH.

W. F. Bancroft, warden, Pierre.

TENNESSEE.

GAME, FISH AND FORESTRY.

Col. Jos. H. Acklen, warden, Nashville.

TEXAS.

GAME, FISH AND OYSTER COMMISSION.

W. G. Sterett, commissioner, Port Lavaca.

J. D. Cox, deputy, Austin.

UTAH.

FISH AND GAME COMMISSIONER.

Fred W. Chambers, commissioner, Salt Lake City.

VERMONT.

FISH AND GAME COMMISSION.

John W. Titcomb, commissioner, Lydonville.

VIRGINIA.

COMMISSION ON FISHERIES.

W. McDonald Lee, commissioner, Irvington.

S. Wilkins Matthews, secretary, Oak Hall.

Geo. B. Keezell, Keezeltown.

Bland Massie, Tyro.

J. M. Hooker, Stuart.

Edw. L. C. Scott, clerk, Richmond.

WASHINGTON.

Jno. L. Riseland, commissioner, Bellingham.

C. N. Beal, deputy, Bellingham.

John M. Crawford, superintendent of hatcheries.  
Jas. W. Tarte, deputy Puget Sound districts.  
Clarence W. White, deputy Columbia River districts.  
Gus. Johnson, chief deputy game warden.

## WEST VIRGINIA.

## FOREST, GAME AND FISH WARDEN.

J. A. Vignesney, warden, Belington.

## WISCONSIN.

## FISH AND GAME WARDEN DEPARTMENT.

James Nevin, commissioner, Madison.  
John A. Sholts, warden, Madison.  
Fred Gerhardt, chief deputy, Madison.

## WYOMING.

## GAME DEPARTMENT.

D. F. Hudson, Lauder.  
Fred E. Allen, Lauder.  
W. H. Seebohm, Grovont.  
Ed. Hudsonpiller, Cody.  
C. P. Sorenson, Rock Springs.  
Allen Laughlin, Glendo.

# DISTRIBUTION OF FRY AND FINGERLINGS.

## CHINOOK SALMON FINGERLINGS.

(Fall of 1910.)

Laconia Station.

Sept. 21.	Sunapee Lake . . . . .	3,000
27.	In river for Winnisquam Lake . . . . .	5,000
28.	Sunapee Lake . . . . .	2,000
29.	Winnipesaukee Lake . . . . .	7,700
Oct. 1.	Newfound Lake . . . . .	1,000

## BROOK TROUT FINGERLINGS.

Oct. 5.	Streams in city of Manchester . . . . .	800
	Nashua . . . . .	900

## BROOK TROUT FRY.

(Spring of 1911.)

May 1.	Streams in city of Nashua . . . . .	60,000
	Concord . . . . .	10,000
	Manchester . . . . .	40,000
	town of Milford . . . . .	40,000
	Wilton . . . . .	20,000
	Sandwich . . . . .	20,000
	Greenfield . . . . .	10,000
	city of Keene . . . . .	40,000
	town of Marlborough . . . . .	20,000
	city of Keene . . . . .	30,000
	town of Tilton . . . . .	10,000
	Epsom . . . . .	40,000



May	1.	Streams in town of Pittsfield	. .	10,000
	8.	Hillsborough	. .	10,000
		Bennington	. .	10,000
		Peterborough	. .	20,000
		East Jaffrey	. .	10,000
	9.	Penacook	. .	20,000
		Hill	. .	20,000
		Bristol	. .	20,000
	10.	Grasmere	. .	20,000
		New Boston	. .	20,000
	11.	Charlestown	. .	10,000
		North Walpole	. .	10,000
		Alstead	. .	10,000
		Alstead	. .	10,000
		Walpole	. .	10,000
	12.	Franklin Falls	. .	10,000
		Gerrish	. .	10,000
		Boscawen	. .	15,000
		Penacook	. .	10,000
	13.	Warner	. .	20,000
		Newport	. .	20,000
	15.	Tilton	. .	5,000
		Antrim	. .	10,000
		Hillsborough	. .	40,000
	16.	Ashland	. .	30,000
		Waterville	. .	30,000
	17.	Ashland	. .	20,000
		Plymouth	. .	10,000
		Wentworth	. .	10,000
	16.	city of Laconia	. .	5,000
	18.	town of Grafton	. .	10,000
		Canaan	. .	10,000
		Canaan	. .	10,000
		Lebanon	. .	10,000
		Etna	. .	10,000
		Rochester	. .	20,000
		Middleton	. .	20,000

May 18.	Streams in town of Sanbornville . . .	20,000
20.	town of Rochester . . .	20,000
	city of Dover . . .	20,000
	town of Newmarket . . .	20,000
22.	city of Concord . . .	20,000
	town of Derry . . .	20,000
23.	city of Concord . . .	15,000
	town of Greenland Village . . .	10,000
24.	town of Warren . . .	30,000
29.	city of Laconia . . .	10,000
	city of Laconia . . .	5,000
	city of Laconia . . .	5,000

## BROOK TROUT FRY.

(Spring of 1912.)

April 25.	Streams in city of Keene . . .	50,000
26.	Nashua . . .	50,000
27.	Manchester . . .	50,000
29.	Somersworth . . .	20,000
	Dover . . .	10,000
	town of Newmarket . . .	20,000
30.	Hillsborough . . .	10,000
	Peterborough . . .	20,000
	East Jaffrey . . .	20,000
May 1.	city of Concord . . .	50,000
	town of Hillsborough . . .	20,000
	Antrim . . .	20,000
	Peterborough . . .	10,000
	Tilton . . .	30,000
	Bristol . . .	20,000
4.	city of Franklin . . .	20,000
	town of Hill . . .	20,000
	Bristol . . .	10,000
6.	Lake trout for Bristol . . .	30,000

## BROOK TROUT FRY.

May	7.	Streams in town of Milford . . .	30,000
	8.	Potter Place . . .	30,000
		Canaan . . .	20,000
	9.	Penacook . . .	20,000
		Derry . . .	20,000
	10.	Waterville . . .	50,000
		Sandwich . . .	20,000
		Warner . . .	10,000
	11.	Bradford . . .	10,000
		Newbury . . .	10,000
		Newport . . .	10,000
		Claremont . . .	10,000
	13.	Newbury (for Suna- pee Lake) . . .	50,000
	14.	Mount Sunapee . . .	25,000
	15.	Sutton . . .	20,000
		Charlestown . . .	10,000
		North Walpole . . .	20,000
	16.	Antrim . . .	25,000
		Francestown . . .	10,000
		Bennington . . .	10,000
		Hancock . . .	20,000
		Francestown . . .	10,000
	17.	Elkins . . .	30,000
		Lebanon . . .	10,000
		West Lebanon . . .	10,000
	18.	Greenfield . . .	10,000
		Marlborough . . .	10,000
		Chesterfield . . .	10,000
		Marlow . . .	10,000
		Marlow . . .	10,000
	20.	Ashland . . .	10,000
		Wentworth . . .	10,000
		Warren . . .	20,000
		Glen Cliff . . .	10,000
		Pike . . .	20,000

## LAND LOCKED SALMON FRY.

May 13. Streams in town of Sunapee . . . 25,000

## CHINOOK SALMON FINGERLINGS.

(Fall of 1911.)

Did not put out anything.

## CHINOOK SALMON FINGERLINGS.

(Fall of 1912.)

Bristol . . . . .	2,250
Lake Winnepesaukee . . . . .	1,500
Madison . . . . .	2,000
Sunapee . . . . .	1,000

More Chinook to go out.

## DISTRIBUTION OF FINGERLINGS.

(Fall of 1910.)

### BROOK TROUT.

#### Colebrook Station.

Streams in town of	Littleton	.	.	.	.	1,800
	Bethlehem	.	.	.	.	1,800
	Haverhill	.	.	.	.	1,800
	Franconia	.	.	.	.	1,800
Profile Lake	.	.	.	.	.	1,800
Streams in town of	Lisbon,	.	.	.	.	1,800
	Whitefield	.	.	.	.	1,800
	Jefferson	.	.	.	.	1,800
	Groton	.	.	.	.	1,500
	Plymouth	.	.	.	.	1,800
	Lancaster	.	.	.	.	3,300
	Canaan	.	.	.	.	1,800
	Northumberland	.	.	.	.	1,800
	Dummer	.	.	.	.	1,800
	Berlin	.	.	.	.	1,800
	Shelburne	.	.	.	.	1,800
	Gorham	.	.	.	.	1,800
	Milan	.	.	.	.	1,800
	Carroll	.	.	.	.	3,600
	Bartlett	.	.	.	.	4,800
	Conway	.	.	.	.	5,100
	Ossipee	.	.	.	.	1,800
	Jackson	.	.	.	.	1,800
	Millsfield	.	.	.	.	1,800
	Columbia	.	.	.	.	1,500
	Colebrook	.	.	.	.	2,500

Greenough Pond	.	.	.	.	.	.	3,000
Mohawk River	.	.	.	.	.	.	1,000
Shipped to Laconia Hatchery	.	.	.	.	.	.	32,000

## RAINBOW TROUT FINGERLINGS.

(Fall of 1910.)

Lancaster	.	.	.	.	.	.	2,500
Success Pond	.	.	.	.	.	.	2,500
Greenough Pond	.	.	.	.	.	.	2,500
A. W. Dudley, Brentwood	.	.	.	.	.	.	2,000
Shipped to Laconia Hatchery	.	.	.	.	.	.	11,000
Adult brook trout to Diamond Ponds	.	.	.	.	.	.	500

## DISTRIBUTION BROOK TROUT FRY.

(Spring of 1911.)

Streams in town of Bethlehem	.	.	.	10,000
Franconia	.	.	.	10,000
Littleton	.	.	.	20,000
Lisbon	.	.	.	10,000
Whitefield	.	.	.	10,000
Carroll	.	.	.	10,000
Pike	.	.	.	10,000
Hanover (and vicinity)	.	.	.	40,000
Conway	.	.	.	35,000
Jackson	.	.	.	20,000
Fabyans	.	.	.	10,000
Bretton Woods	.	.	.	10,000
Lancaster	.	.	.	10,000
Jefferson	.	.	.	10,000
Bartlett	.	.	.	10,000
Randolph	.	.	.	20,000
Berlin	.	.	.	30,000
Gorham	.	.	.	20,000
Milan	.	.	.	10,000
Groveton	.	.	.	25,000
Dummer	.	.	.	15,000
Shelburn	.	.	.	20,000
Big Diamond Pond	.	.	.	50,000
Little Diamond Pond	.	.	.	35,000
Greenough Pond	.	.	.	15,000
Millsfield Pond	.	.	.	10,000
Ladd Pond, Clarksville	.	.	.	10,000



## RAINBOW TROUT FRY.

Mohawk River . . . . .	100,000
Fish Pond Columbia . . . . .	5,000

## BROOK TROUT FINGERLINGS.

(Fall of 1911.)

Put out in July on account of low water in the Dia- mond Ponds . . . . .	50,000
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## RAINBOW TROUT FINGERLINGS.

(Fall of 1911.)

Greenough Pond . . . . .	1,500
C. W. Gray, Jackson . . . . .	2,000
J. H. Spaulding, Whitefield . . . . .	1,000
F. G. Brown, Whitefield . . . . .	1,000
Christine Lake, Stark . . . . .	3,000

## BROOK TROUT FRY.

(Spring of 1912.)

Streams in town of Conway . . . . .	150,000
Jackson . . . . .	75,000
Fabyans . . . . .	50,000
Twin Mountains . . . . .	25,000
Lancaster . . . . .	50,000
Jefferson . . . . .	65,000
Bartlett . . . . .	50,000
Sanbornville . . . . .	20,000
Ossipee . . . . .	30,000
Berlin . . . . .	50,000
Success Pond . . . . .	50,000
Streams in town of Gorham . . . . .	50,000
Groveton . . . . .	50,000
Christine Lake . . . . .	50,000
Streams in town of Dummer . . . . .	25,000

Streams in town of Shelburn	.	.	.	.	50,000
Milan	.	.	.	.	25,000
Bethlehem	.	.	.	.	25,000
Franconia	.	.	.	.	25,000
Littleton	.	.	.	.	50,000
Lisbon	.	.	.	.	25,000
Profile Lake	.	.	.	.	25,000
Streams in town of Whitefield	.	.	.	.	25,000
Carroll	.	.	.	.	25,000
Pike	.	.	.	.	50,000
Hanover	.	.	.	.	50,000
Randolph	.	.	.	.	70,000
Benton	.	.	.	.	50,000
Rumney	.	.	.	.	25,000
Plymouth	.	.	.	.	25,000
Pittsburg	.	.	.	.	50,000
Columbia	.	.	.	.	20,000
Colebrook	.	.	.	.	25,000
Millsfield	.	.	.	.	20,000
Greenough Pond	.	.	.	.	20,000
Big Diamond Pond	.	.	.	.	50,000
Little Diamond Pond	.	.	.	.	25,000
75,000 Rainbow trout eggs shipped to Laconia Hatchery.					
10,000 brown trout fry shipped to Judge Aldrich, Pittsburg, for Connecticut Lake.					
Cona Lake	.	.	.	.	20,000
Round Pond	.	.	.	.	15,000
Lancaster	.	.	.	.	10,000

## DETECTIVE ACCOUNT.

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Appropriation for year ending August 31, 1911,      \$3,750.00

Expense for year ending August 31, 1911:

John P. Duncan, Littleton . . . .	\$14.00
M. L. Currier, Jefferson Meadows . . . .	9.00
J. C. Verge, Berlin . . . . .	5.25
E. W. Kakas, Milford . . . . .	17.90
Irving J. Hobbs, Madison . . . . .	32.00
M. L. Johnson, Union . . . . .	256.38
Kittredge & Prescott, Milford . . . . .	5.50
Ordway & Kendall, Milford . . . . .	2.00
C. Caffrey, Claremont . . . . .	57.00
Ladd P. Harvey, Northwood . . . . .	3.00
E. K. Morrison, South Acworth . . . . .	9.45
R. D. Brackett, South Acworth . . . . .	8.40
Alfred Paquette, Kensington . . . . .	3.00
G. W. Scott, Winchester . . . . .	15.50
Chas. J. Hoague, Newbury . . . . .	16.00
Harry E. Colby, Franklin . . . . .	7.00
C. W. Russell, Dublin . . . . .	6.00
John Wentworth, Hudson . . . . .	894.17
Small & French, Colebrook . . . . .	20.00
J. W. Degnan, Nashua . . . . .	12.15
H. C. Lintott, Nashua . . . . .	39.25
Hoyt Electric Company, Penacook . . . . .	7.75
L. . Mason, Canterbury . . . . .	2.00
C. H. Grosse, Penacook . . . . .	8.00
Henry A. Pierce, Keene . . . . .	8.00
Samuel Rodd, Penacook . . . . .	3.00
C. E. Crombie, Manchester . . . . .	115.45
W. DuBois Pulver, Salem . . . . .	179.07
John H. Burke, Madison . . . . .	8.78

M. W. Brewster, E. Kingston . . . .	4.00
G. W. Scott, Winchester . . . .	24.75
E. C. Corbin, Charlestown . . . .	8.00
George S. Proctor, Wilton . . . .	5.00
F. W. Goings, New London . . . .	68.00
John E. Emery, Stratham . . . .	38.00
James Simpson, Shelburne . . . .	46.00
Harry D. Shea, Berlin . . . .	40.95
James R. Blodgett, Pittsburg . . . .	2.00
J. H. St. Armand, Bow . . . .	5.00
John Owens, North Walpole . . . .	1.00
F. W. Sanborn, Concord . . . .	56.56
A. H. Stone, Lincoln . . . .	15.00
John H. Cox, Lincoln . . . .	20.00
Edw. F. Hurley, Conway . . . .	8.00
Wm. T. Entwistle, Portsmouth . . . .	298.31
L. W. Knight, Concord . . . .	558.71
G. P. Wellington, East Jaffrey . . . .	20.50
George M. Williams, Warren . . . .	3.00
P. G. Williams, Warren . . . .	19.00
H. L. Cotton, Warren . . . .	3.00
George M. Dodge, Littleton . . . .	580.88
L. W. Crockett, Whitefield . . . .	67.43
Jacob S. Tuttle, Contoocook . . . .	2.60
Kirk D. Pierce, Hillsborough . . . .	10.00
H. E. Swan, Keene . . . .	14.00
L. Dale Brown, Concord . . . .	21.00
R. W. Johnson, Mt. Sunapee . . . .	39.00
City Garage, Berlin . . . .	10.00
Hamblett & Spring, Nashua . . . .	52.50
L. J. Minard, Nashua . . . .	12.48
John S. Wheeler, Manchester . . . .	8.43
S. S. Jewett, Laconia . . . .	2.10
H. A. Tolman, Richmond . . . .	9.00
	<hr/>
	\$3,839.44
Transferred to general expense . . . .	89.44
	<hr/>
	\$3,750.00

Appropriation for year ending August 31, 1912 . \$8,500.00

Expense for month ending September 30, 1911:

George M. Dodge, Littleton . . . . .	\$93.02
L. W. Knight, Concord . . . . .	110.93
C. E. Crombie, Manchester . . . . .	41.10
John Wentworth, Hudson . . . . .	133.59
	<hr/>
	\$378.64

Expense for month ending October 31, 1911:

John Wentworth, Hudson:

Hotel . . . . .	\$10.50
Transportation . . . . .	15.99
Teams . . . . .	19.00
Telephone . . . . .	2.20
Time . . . . .	79.50
	<hr/>
	\$127.19

Wm. T. Entwistle, Portsmouth:

Hotel . . . . .	\$2.50
Transportation . . . . .	3.50
Motorboat and teams . . . . .	6.50
Time . . . . .	51.00
	<hr/>
	\$63.50

L. Dale Brown, Concord, auto . . . . . 40.00

H. W. Alexander, Penacook, auto . . . . . 23.50

C. C. Caffrey, Claremont:

Teams . . . . .	\$7.00
Assistance . . . . .	6.00
Time . . . . .	21.00
	<hr/>
	\$34.00

Lawrence W. Knight, West Concord:

Telephone . . . . .	\$0.50
Livery . . . . .	6.50
Transportation . . . . .	5.45
Hotel . . . . .	16.50
Time . . . . .	54.00
	<hr/>
	\$82.95

## R. W. Johnson, Mt. Sunapee:

Assistance . . . . .	\$2.25	
Time . . . . .	21.00	
	<hr/>	\$23.25

Charles E. Shepard, New London, team . . . . . 1.50

Ralph W. Farrar, Hillsborough, witness fees . . . . . 2.74

Expense for month ending November 30, 1911:

## C. E. Crombie, Manchester:

Services . . . . .	\$111.00	
Hotel . . . . .	6.63	
Telephone . . . . .	.80	
Transportation . . . . .	5.89	
Team . . . . .	4.50	
	<hr/>	\$128.82

## John J. Foley, Manchester:

Services . . . . .	\$6.00	
Hotel . . . . .	.45	
Carfare . . . . .	.40	
	<hr/>	\$6.85

## George W. Philbrook, Hampton:

Team and boat . . . . .	\$9.00	
Telephone . . . . .	.90	
Services . . . . .	8.50	
	<hr/>	\$18.40

Currier Garage, Enfield, auto . . . . . 16.20

## Wm. T. Entwistle, Portsmouth:

Services, October . . . . .	\$60.00	
Transportation . . . . .	9.25	
Hotel . . . . .	3.00	
Services, November . . . . .	51.00	
Transportation . . . . .	2.71	
Hotel . . . . .	1.50	
Team . . . . .	3.50	
	<hr/>	\$130.96

## Lawrence W. Knight, West Concord:

Transportation . . . . .	\$10.08	
Services . . . . .	66.00	
Telephone . . . . .	.85	

Hotel . . . . .	\$13.75	
Team . . . . .	10.00	
	<hr/>	\$100.68
George M. Dodge, Littleton:		
Auto and team . . . . .	\$43.54	
Services, October . . . . .	84.00	
Hotel . . . . .	37.40	
Telephone . . . . .	.50	
Transportation . . . . .	6.00	
Assistance . . . . .	21.25	
Auto and team . . . . .	21.71	
Hotel . . . . .	34.50	
Telephone . . . . .	.60	
Transportation . . . . .	4.48	
Services, November . . . . .	63.00	
Assistance . . . . .	9.00	
	<hr/>	\$325.98
John Wentworth, Hudson:		
Hotel . . . . .	\$22.30	
Livery . . . . .	14.25	
Transportation . . . . .	18.04	
Telephone . . . . .	3.50	
Services . . . . .	60.00	
	<hr/>	\$118.09
Expense for month ending December 31, 1911:		
C. Caffrey, Claremont:		
Services . . . . .	\$33.00	
Livery . . . . .	18.50	
Assistance . . . . .	14.00	
	<hr/>	\$65.50
Geo. P. Wellington, East Jaffrey, services . . . . .	36.90	
Geo. W. Carr, Newport, services . . . . .	2.50	
J. M. Barton, Newport, services . . . . .	5.00	
C. C. Howard, Newport, witness fees . . . . .	1.01	
Mrs. C. C. Howard, Newport, witness fees . . . . .	1.01	
Luther Clough, Acworth, witness fees . . . . .	2.33	
II. Jackson, Acworth, witness fees . . . . .	2.67	
Doyle & Lucier, Nashua, services . . . . .	15.00	



## E. C. Corbin, Charlestown:

Services . . . . .	\$21.25	
Hotel . . . . .	5.00	
Transportation . . . . .	1.08	
Telephone, Newport . . . . .	.80	
	<hr/>	\$28.13

J. W. Davidson, Charlestown, services . . . . . 6.00

## C. E. Crombie, Manchester:

Services . . . . .	\$63.00	
Hotel . . . . .	5.74	
Transportation . . . . .	4.16	
	<hr/>	\$72.90

C. L. Morrill, West Concord, services . . . . . 6.00

## Lawrence W. Knight, West Concord:

Transportation . . . . .	\$13.06	
Hotel . . . . .	24.75	
Livery . . . . .	32.75	
Telephone . . . . .	1.75	
Services . . . . .	90.00	
	<hr/>	\$162.31

H. C. Lintott, Nashua, auto . . . . . 31.00

M. E. Wentworth, Hudson, putting out licenses  
and postage . . . . . 58.15

Chas. Woodman, Windham, services . . . \$58.50  
Livery . . . . . 16.00  

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\$74.50

John Wentworth, Hudson, services . . . \$69.00  
Transportation . . . . . 11.90  
Hotel . . . . . 7.15  
Livery . . . . . 9.75  
Telephone . . . . . 2.95  
Warrants . . . . . 3.00  

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\$103.75

K. H. Brown, Whitefield, putting out licenses and  
postage . . . . . 15.75

## George M. Dodge, Littleton:

Telephone . . . . . \$0.50

Services . . . . .	\$69.00	
Assistance . . . . .	24.00	
Hotel . . . . .	18.06	
Transportation . . . . .	10.93	
Livery . . . . .	17.75	
	<hr/>	\$140.24
Expense for month ending January 31, 1912:		
Wm. T. Entwistle, Portsmouth:		
Services . . . . .	\$66.00	
Transportation . . . . .	5.72	
Hotel . . . . .	1.00	
Livery . . . . .	25.00	
Telephone . . . . .	2.45	
	<hr/>	\$100.17
Bert Wood, Portsmouth, auto for W. T. Entwistle		5.00
Harry A. Danforth, West Concord:		
Services . . . . .	\$21.00	
Livery . . . . .	10.00	
Hotel . . . . .	1.00	
Transportation . . . . .	.35	
	<hr/>	\$32.35
Samuel Rodd, Penacook, services, assistance .		6.00
Edward McGirr, Penacook, services, assistance .		6.00
C. E. Crombie, Manchester:		
Services . . . . .	\$13.50	
Hotel . . . . .	1.00	
Transportation . . . . .	.10	
	<hr/>	\$14.60
John T. Foley, Manchester, services .	\$81.00	
Hotel . . . . .	5.25	
Transportation . . . . .	3.75	
	<hr/>	\$90.00
Lawrence W. Knight, West Concord:		
Services . . . . .	\$71.00	
Hotel . . . . .	9.80	
Livery . . . . .	10.00	

Transportation . . . . .	\$5.30	
Telephone . . . . .	.45	
	<hr/>	\$96.55
Frank N. Pillsbury, East Hampstead, trans. deer		1.10
E. C. Mills, Sandown, Trans. deer . . . . .		1.50
Geo. W. Dimmock, Sandown, Trans. deer . . . . .		2.50
Walter E. Worthen, Sandown, Trans. deer . . . . .		2.50
Jesse H. Spofford, New Ipswich, services . . . . .		30.00
Wm. T. Entwistle, Portsmouth:		
Services . . . . .	\$42.00	
Livery . . . . .	6.00	
Transportation . . . . .	1.42	
Telephone . . . . .	.30	
	<hr/>	\$49.72
Chas. Farr, Gorham, services . . . . .		12.00
W. D. Pulver, Salem:		
Services . . . . .	\$19.50	
Hotel . . . . .	7.70	
Transportation . . . . .	5.42	
Telephone . . . . .	1.89	
Livery . . . . .	15.75	
Complaint and warrant . . . . .	1.50	
	<hr/>	\$51.76
Geo. M. Dodge, Littleton:		
Services . . . . .	\$50.00	
Hotel . . . . .	4.00	
Telephone . . . . .	.60	
Livery . . . . .	10.03	
Complaint and warrant . . . . .	5.50	
	<hr/>	\$70.13
John Wentworth, Hudson:		
Services . . . . .	\$72.50	
Witness . . . . .	2.50	
Livery . . . . .	3.75	
Telephone . . . . .	2.10	
Subsistence . . . . .	12.75	
Transportation . . . . .	19.42	
	<hr/>	\$113.02

## John F. Emery, Stratham:

Services . . . . .	\$16.50	
Summons . . . . .	3.25	
Witness mileage . . . . .	7.32	
Telephone . . . . .	.80	
Transportation . . . . .	1.58	
	<hr/>	\$29.45

## Iona B. Clarke, West Concord:

Non-Resident licenses . . . . .	\$90.50	
Guides . . . . .	31.00	
Clerical assistance . . . . .	50.00	
	<hr/>	\$171.50

## Expense for month ending February 29, 1912:

## John Wentworth, Hudson:

Transportation . . . . .	\$12.50	
Hotel . . . . .	20.50	
Telephone . . . . .	1.10	
Livery . . . . .	10.50	
Salary . . . . .	50.00	
	<hr/>	\$94.60

## Lawrence W. Knight, West Concord:

Transportation . . . . .	\$7.76	
Hotel . . . . .	13.50	
Livery . . . . .	10.65	
Telephone . . . . .	.20	
Salary . . . . .	50.00	
	<hr/>	\$82.11

## C. E. Crombie, Manchester:

Services . . . . .	\$31.50	
Hotel . . . . .	2.10	
Telephone . . . . .	.60	
Transportation . . . . .	.40	
	<hr/>	\$34.60

J. F. Waters, Concord, auto . . . . . 3.00

H. C. Moody, Mast Yard, services . . . . . 5.00

Myron L. Johnson, Union, services	\$15.00	
Hotel	12.25	
Livery	15.50	
Telephone	.85	
	<hr/>	\$43.60

## Geo. M. Dodge, Littleton:

Transportation	\$9.68	
Livery	3.25	
Hotel	8.70	
Telephone	.80	
Salary	50.00	
	<hr/>	\$72.43

Expense for month ending March 31, 1912:

## Wm. T. Entwistle, Portsmouth:

Services	\$51.00	
Transportation	4.82	
Livery	5.00	
	<hr/>	\$60.82

Horace E. Webber, Bedford, dressing deer . 2.50

## Lawrence W. Knight, West Concord:

Services	\$50.00	
Transportation	1.64	
Subsistence	1.00	
Telephone	.25	
Livery	3.00	
	<hr/>	\$55.89

Nims Bros. &amp; Co., Keene, dressing off deer 1.50

W. E. Kittredge, Nashua, fees on cases dismissed 13.56

## C. E. Crombie, Manchester:

Services	\$37.50	
Hotel	3.50	
Livery	1.50	
Complaint and warrant	1.50	
Telephone	.74	
Transportation	2.64	
	<hr/>	\$47.38

## John Wentworth, Hudson:

Transportation	.	.	.	.	\$8.25
Subsistence	.	.	.	.	5.60
Telephone	.	.	.	.	2.00
Livery	.	.	.	.	18.25
Salary	.	.	.	.	50.00

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\$84.10

## C. Caffrey, Claremont:

Services	.	.	.	.	\$18.00
Livery	.	.	.	.	6.00
Assistance	.	.	.	.	2.00

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\$26.00

## George M. Dodge, Littleton:

Transportation	.	.	.	.	\$2.28
Hotel	.	.	.	.	11.00
Telephone	.	.	.	.	.40
Livery	.	.	.	.	4.50
Assistance	.	.	.	.	6.00
Salary	.	.	.	.	50.00

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\$74.18

Expense for month ending April 30, 1912:

## C. Caffrey, Claremont:

Services	.	.	.	.	\$3.00
Livery	.	.	.	.	3.00
Assistance	.	.	.	.	2.00

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\$8.00

## John Wentworth, Hudson:

Transportation	.	.	.	.	\$12.92
Subsistence	.	.	.	.	6.50
Telephone	.	.	.	.	3.00
Livery	.	.	.	.	7.50
Salary	.	.	.	.	50.00
Warrants	.	.	.	.	1.50

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\$81.42

## C. W. Hobbs, Pelham: survey East Pond, Thornton

12.00

## Wm. T. Entwistle, Portsmouth:

Livery	.	.	.	.	\$6.50
Telephone	.	.	.	.	1.60

Transportation . . . . .	\$4.66	
Services . . . . .	39.00	
	<hr/>	\$51.76
Lawrence W. Knight, West Concord:		
Transportation . . . . .	\$5.81	
Subsistence . . . . .	1.25	
Telephone . . . . .	.05	
Livery . . . . .	4.50	
Supplies . . . . .	.10	
April salary . . . . .	50.00	
	<hr/>	\$61.71
Expense for month ending May 31, 1912:		
John Wentworth, Hudson:		
Transportation . . . . .	\$24.41	
Subsistence . . . . .	8.70	
Telephone . . . . .	2.35	
Livery . . . . .	6.75	
Assistance . . . . .	1.00	
Entering cases . . . . .	3.00	
Salary . . . . .	50.00	
	<hr/>	\$96.21
Lawrence W. Knight, West Concord:		
Transportation . . . . .	\$63.10	
Subsistence . . . . .	24.00	
Supplies . . . . .	.40	
Salary . . . . .	50.00	
	<hr/>	\$137.50
Wm. T. Entwistle, Portsmouth:		
Transportation . . . . .	\$4.68	
Livery . . . . .	5.25	
Services . . . . .	42.00	
	<hr/>	\$51.93
Myron L. Johnson, Union:		
Services . . . . .	\$33.00	
Transportation . . . . .	8.24	
Subsistence . . . . .	13.75	
Complaint and warrant . . . . .	1.50	
Telephone . . . . .	1.45	



Livery . . . . .	\$10.00	
Assistance . . . . .	1.50	
	<hr/>	\$69.44
James W. Towle, Chester:		
Services . . . . .	\$18.00	
Telephone . . . . .	.40	
	<hr/>	\$18.40
George M. Dodge, Littleton:		
Salary, two months (April and May) .	\$100.00	
Notices . . . . .	1.75	
Subsistence . . . . .	8.80	
Transportation . . . . .	26.26	
	<hr/>	\$136.81
C. E. Crombie, Manchester:		
Services . . . . .	\$60.00	
Livery . . . . .	13.00	
Telephone . . . . .	1.00	
Subsistence . . . . .	4.25	
Transportation . . . . .	8.59	
	<hr/>	\$86.84
Expense for month ending June 30, 1912:		
George S. Proctor, Wilton:		
Transportation . . . . .	\$14.00	
Assistance . . . . .	12.00	
Services . . . . .	12.00	
	<hr/>	\$38.00
C. C. Caffrey, Claremont:		
Livery . . . . .	\$6.00	
Assistance . . . . .	6.00	
Services . . . . .	9.00	
	<hr/>	\$21.00
Lawrence W. Knight, West Concord:		
Transportation . . . . .	\$1.56	
Subsistence . . . . .	5.95	
Livery . . . . .	4.50	
Supplies . . . . .	.10	
Salary for June . . . . .	50.00	
	<hr/>	\$62.11

## John Wentworth, Hudson:

Transportation	.	.	.	.	\$7.45	
Subsistence	.	.	.	.	7.70	
Livery	.	.	.	.	13.00	
Telephone	.	.	.	.	.90	
Salary for June	.	.	.	.	50.00	
						<hr/>
						\$79.05

## George M. Dodge, Littleton:

Livery	.	.	.	.	\$43.54	
Assistance	.	.	.	.	7.00	
Telephone	.	.	.	.	.20	
Subsistence	.	.	.	.	16.00	
Salary for June	.	.	.	.	50.00	
						<hr/>
						\$116.74

## Expense for month ending July 31, 1912:

## George S. Proctor, Wilton:

Services (to July 11)	.	.	.	.	\$12.00	
Transportation	.	.	.	.	20.00	
Assistance	.	.	.	.	12.00	
						<hr/>
						\$44.00

## H. C. Lintott, Nashua, auto-transportation, Conway and Nashua

40.00

## Myron L. Johnson, Union:

Services	.	.	.	.	\$3.00	
Transportation	.	.	.	.	.72	
Livery	.	.	.	.	1.00	
Hotel	.	.	.	.	1.50	
Telephone	.	.	.	.	.50	
						<hr/>
						\$6.72

## C. A. Smith, Bristol, auto and assistance

4.00

## Lawrence W. Knight, West Concord:

Salary, July	.	.	.	.	\$50.00	
Supplies	.	.	.	.	2.69	
Livery	.	.	.	.	15.50	
Subsistence	.	.	.	.	6.57	
Transportation	.	.	.	.	6.60	
						<hr/>
						\$81.36

## C. E. Crombie, Manchester:

Services . . . . .	\$69.00	
Transportation . . . . .	10.22	
Subsistence . . . . .	8.88	
Telephone . . . . .	.30	
Livery . . . . .	13.50	
Supplies . . . . .	.50	
Attorney fees . . . . .	.50	
Turnkey . . . . .	.50	
	<hr/>	\$103.40

## John Wentworth, Hudson:

Salary, July . . . . .	\$50.00	
Subsistence . . . . .	21.23	
Livery . . . . .	15.60	
Transportation . . . . .	32.57	
	<hr/>	\$119.40

## Geo. M. Dodge, Littleton:

Salary, July . . . . .	\$50.00	
Livery . . . . .	50.18	
Transportation . . . . .	2.09	
Subsistence . . . . .	9.34	
Assistance . . . . .	4.00	
Telephone . . . . .	.10	
	<hr/>	\$115.71

## Expense for month ending August 31, 1912:

## Myron L. Johnson, Union:

Services . . . . .	\$3.00	
Complaint and warrant . . . . .	1.50	
Livery . . . . .	2.75	
Assistance . . . . .	2.00	
	<hr/>	\$9.25

H. C. Lintott, Nashua, auto . . . . . 12.00

## Lawrence W. Knight, West Concord:

Transportation . . . . .	\$2.00	
Subsistence . . . . .	1.35	
Livery . . . . .	3.00	
Salary . . . . .	50.00	
	<hr/>	\$56.35

## Geo. S. Proctor, Wilton:

Livery . . . . .	\$45.10
Assistance . . . . .	26.00
Services . . . . .	27.00
Subsistence . . . . .	1.55

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 \$99.65

## John Wentworth, Hudson:

Transportation . . . . .	\$7.45
Subsistence . . . . .	27.50
Livery . . . . .	8.00
Salary . . . . .	50.00

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 \$92.95

## C. E. Crombie, Manchester:

Transportation . . . . .	\$4.63
Subsistence . . . . .	4.80
Services . . . . .	31.50

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 \$40.93

## Fred W. Goings, New London:

Freight . . . . .	\$1.10
Trucking . . . . .	40.00

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 \$41.10

## Wm. T. Entwistle, Portsmouth:

Transportation . . . . .	\$15.60
Livery . . . . .	41.25
Subsistence . . . . .	21.75
Telephone . . . . .	2.70
Assistance . . . . .	2.75
Services . . . . .	147.00

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 \$231.05

## Geo. M. Dodge, Littleton:

Salary for August . . . . .	\$50.00
Livery-auto . . . . .	42.36
Subsistence . . . . .	17.05
Assistance . . . . .	26.00

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 \$135.41

## Fred Aldrich, Whitefield:

Services . . . . .	\$42.50
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Subsistence . . . . .	\$26.80	
Livery-auto . . . . .	23.22	
		<hr/>
		\$92.52
Total expended for year ending August 31, 1912,	\$6,495.74	
Unexpended balance . . . . .	2,004.26	
		<hr/>
		\$8,500.00

## TRANSPORTATION ACCOUNT.

Appropriation for year ending August 31, 1911 .	\$185.00	
Paid out for year ending August 31, 1911:		
Nathaniel Wentworth, Hudson . . . . .	\$95.00	
Charles B. Clarke, Concord . . . . .	40.00	
Frank P. Brown, Whitefield . . . . .	50.00	
		<hr/>
		\$185.00

## TRANSPORTATION ACCOUNT.

Appropriation for year ending August 31, 1912 .	\$250.00	
Paid out for year ending August 31, 1912:		
Mileages used by commission . . . . .	\$170.00	
Unexpended balance . . . . .	80.00	
		<hr/>
		\$250.00

## LACONIA HATCHERY.

Appropriation for the year ending August 31, 1911.	\$1,500.00	
Unexpended balance . . . . .	\$1,500.00	

## SALARIES OF COMMISSIONERS.

Appropriation for year ending August 31, 1911 .	\$2,600.00	
Paid out for year ending August 31, 1911:		
Nathaniel Wentworth, Hudson . . . . .	\$1,000.00	
Charles B. Clarke, Concord . . . . .	800.00	
Frank P. Brown, Whitefield . . . . .	800.00	
		<hr/>
		\$2,600.00

## SALARIES OF COMMISSIONERS.

Appropriation for year ending August 31, 1912	. \$2,600.00
Paid out for year ending August 31, 1912:	
Nathaniel Wentworth, Hudson . . . .	\$1,000.00
Charles B. Clarke, Concord . . . .	800.00
Frank P. Brown, Whitefield . . . .	800.00
	<hr/>
	\$2,600.00

## INCIDENTAL ACCOUNT.

Appropriation for year ending August 31, 1911	. \$250.00
Paid out for year ending August 31, 1911:	
B. H. Mann, Concord, material and labor . .	\$90.15
News-Letter Press, Penacook . . . .	91.55
Printing . . . . .	11.25
Telephone and telegraph . . . . .	31.24
Services telephone operator . . . . .	8.10
Paper stock . . . . .	11.68
	<hr/>
	\$243.97
Unexpended balance . . . . .	6.03
	<hr/>
	\$250.00

## INCIDENTAL ACCOUNT.

Appropriation for year ending August 31, 1912	. \$200.00
Paid out for year ending August 31, 1912:	
Office telephone tolls . . . . .	\$27.95
Unexpended balance . . . . .	172.05
	<hr/>
	\$200.00

## PRINTING ACCOUNT.

Appropriation for year ending August 31, 1911	. \$235.00
Paid out for year ending August 31, 1911:	
R. W. Musgrove, Bristol, printing . . .	\$65.15
Rumford Printing Co., Concord, printing .	49.35
John Carter & Co., Boston, Mass., paper stock .	61.52

Ira C. Evans Co., Concord, printing . . . .	\$51.88
White Mts. Republic Journal Littleton, printing . .	7.10
	<hr/>
	\$235.00

## PRINTING ACCOUNT.

Appropriation for year ending August 31, 1912 .	\$600.00
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Paid out for year ending August 31, 1912:

1911.

Oct. Ira C. Evans Co., Concord . . . .	\$6.20
Nov. Ira C. Evans Co., Concord . . . .	4.00
Dec. Ira C. Evans Co., Concord . . . .	64.53
The Evans Press, Concord . . . .	18.00
John Carter Co., Boston, Mass. . . .	116.67

1912.

Jan. Phaneuf & Son, Concord . . . .	2.50
Feb. Rumford Printing Co., Concord . . . .	5.25
Apr. Ira C. Evans Co., Concord . . . .	3.80
May H. H. Sanderson, Lancaster . . . .	2.50
Phaneuf & Son, Concord . . . .	.70
May Ira C. Evans Co., Concord . . . .	5.75
Aug. Ira C. Evans Co., Concord . . . .	1.75

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\$231.65

Unexpended balance . . . . .	368.35
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\$600.00

## PERSONAL EXPENSE ACCOUNT.

Appropriation for year ending August 31, 1911 .	\$1,350.00
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Paid out for year ending August 31, 1911:

Nathaniel Wentworth, Hudson . . . .	\$496.74
Charles B. Clarke, Concord . . . .	553.06
Frank P. Brown, Whitefield . . . .	285.44

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\$1,335.24

Unexpended balance . . . . .	14.76
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\$1,350.00



## PERSONAL EXPENSE ACCOUNT.

Appropriation for year ending August 31, 1912	\$1,500.00
Paid out for year ending August 31, 1912:	
Nathaniel Wentworth, Hudson	\$419.09
Charles B. Clarke, Concord	333.83
Frank P. Brown, Whitefield	228.25
	<hr/>
	\$981.17
Unexpended balance	518.83
	<hr/>
	\$1,500.00

## GENERAL EXPENSE ACCOUNT.

Appropriation for year ending August 31, 1911	\$6,230.00
Paid out for year ending August 31, 1911:	
Colebrook Fish Hatchery, D. H. McLinn, Supt.	\$810.00
D. H. McLinn, labor and supplies	1,363.98
Laconia Fish Hatchery, Daniel G. Wentworth, Supt.	810.00
Daniel G. Wentworth, labor and supplies	685.35
F. S. Roberts, supplies for hatcheries	326.14
Winnepesaukee Telephone Co.	31.34
Postage	109.04
Nashua Beef Co., supplies for hatcheries	42.08
Express	36.46
Miscellaneous labor	30.00
supplies	278.40
Printing and advertising	36.33
K. H. Brown, non-resident permits	18.25
M. E. Wentworth, Hudson, non-resident permits	64.00
J. W. Stone, repair and care screen, Massabesic Lake	3.00
Samuel Hentall, repair and care screen, Newfound Lake	38.25
F. E. Bucklin, East Tilton, repair and care screen, Winnepiseogee River	31.75
A. M. Johnson, Newton, repair and care screen, County Pond	5.00
Town of Madison, repair and care screen	28.00

A. M. Webster, repair and care screen, Post Pond .	\$7.00
N. Wentworth, transportation . . . . .	15.00
F. W. Sanborn, Concord, guides' badges . . .	75.00
Sandwich Trout Co., Sandwich, Mass., 500,000 brook trout eggs . . . . .	250.00
F. W. Sanborn, Concord, automobile hire . . .	116.00
Overdraft from Detective account . . . . .	89.44
	<hr/>
	\$5,299.81
Unexpended balance . . . . .	930.19
	<hr/>
	\$6,230.00

## GENERAL EXPENSE ACCOUNT.

1912.

Appropriation to cover general expenses and specials . . . . . \$11,500.00

For month ending September 30, 1911:

D. H. McLinn, Supt., Colebrook . . .	\$86.60
Winnepesaukee Tel. Co., Laconia . . .	4.00
John Carter & Co., Boston, Mass. . . .	3.59
D. G. Wentworth, Supt., Laconia . . .	60.00
Chas. B. Clarke, Concord (postage) . . .	12.00
John H. Brown, postmaster, Concord (postage) . . . . .	3.00

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\$169.19

For month ending October 31, 1911:

Geo. E. Carter, Concord, office supplies . .	\$3.91
Ernest E. Kennett, Madison, cleaning screen, Silver Lake, 1911 . . . . .	18.00
D. G. Wentworth, Supt., services for Octo- ber . . . . .	55.00
C. A. French, teams for Laconia Hatch- ery . . . . .	10.00
J. L. Roberts, Laconia, fuel for Laconia Hatchery . . . . .	23.25

A. F. Quimby & Son, Laconia, supplies for Laconia Hatchery . . . . .	\$8.36	
F. Z. Thompson, Laconia, labor at Laconia Hatchery . . . . .	10.00	
Winnepesaukee Tel. Co., Laconia, telephone, Laconia Hatchery . . . . .	5.24	
F. S. Roberts, Laconia, fish meat, Laconia station . . . . .	22.14	
F. S. Roberts, Laconia, fish meat, Colebrook station . . . . .	58.75	
D. H. McLinn, Supt., Colebrook, services for October . . . . .	55.00	
American Express Co., Colebrook, express on meat . . . . .	7.14	
Colebrook, Columbia & Errol Tel. Co., Colebrook, telephone, Colebrook Sta. . . . .	1.50	
Stevens Bros., Colebrook, supplies for Colebrook station . . . . .	2.05	
Fay Whipple, Colebrook, trucking fish, meat, Colebrook station . . . . .	3.00	
	<hr/>	\$283.34

For month ending November 30, 1911:

D. G. Wentworth, Supt., Laconia, services, November . . . . .	\$55.00	
C. W. Clarke, Concord Laconia station . . . . .	9.00	
D. H. McLinn, Supt., Colebrook, services, November . . . . .	55.00	
D. H. McLinn, Supt., Colebrook, cash paid out . . . . .	1.25	
Warren Rowell, Colebrook, fuel . . . . .	11.35	
Fay Whipple, Colebrook, trucking . . . . .	3.50	
Small & French, Colebrook, livery . . . . .	1.00	
Ceil Carlton, Colebrook, labor at hatchery . . . . .	8.00	
Walter S. Goodwin, Colebrook, labor at hatchery . . . . .	11.35	
Stevens' Vanity Store, Colebrook, mileage . . . . .	7.07	
Colebrook Tel. Co., Colebrook, telephone . . . . .	1.90	

American Express Co., Colebrook, express on fish, meat . . . . .	\$6.70	
	<hr/>	\$171.12

For month ending December 31, 1911:

Postage, envelopes and stamps . . .	\$120.76	
F. S. Roberts, Laconia, fish meat . . .	22.91	
Mrs. D. G. Wentworth, Laconia, board man taking fish . . . . .	8.00	
A. M. Johnson, Newton, care screen, Coun- ty Pond . . . . .	5.00	
F. R. Bucklin, East Tilton, care screen, East Tilton . . . . .	12.50	
D. G. Wentworth, Supt., Laconia, services, for December . . . . .	55.00	
J. B. Moore, Laconia, rent, boathouse . .	8.00	
Geo. H. Mitchell Co., Laconia, zinc, etc. .	19.38	
Cooks' Lumber Co., Laconia, lumber . .	3.14	
A. T. Quimby & Son, Laconia, nets, etc. .	1.95	
C. A. French, Laconia, teams . . . . .	9.50	
Meredith Tel. Co., Laconia, telephone, hatchery . . . . .	2.55	
Bernard S. Allen, Laconia, labor . . . .	1.00	
F. Z. Thompson, Laconia, labor . . . .	19.00	
James R. Blodgett, Pittsburg, screen, Con- necticut Lake . . . . .	9.25	
D. H. McLinn, Supt., Colebrook, services for December . . . . .	55.00	
American Express Co., Colebrook, express	6.30	
Colebrook, Columbia & Errol Tel. Co., Colebrook, telephone . . . . .	1.80	
A. V. Smith, Colebrook, water front . .	5.50	
Henry D. Sawyer, Colebrook, coal . . .	8.29	
Fay Whipple, Colebrook, trucking . . .	2.00	
Walter S. Goodwin, Colebrook, labor . .	3.40	
	<hr/>	\$380.32

For month ending January 31, 1912:

Winnepesaukee Tel. Co., Laconia . . .	\$5.90
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American Express Co., Laconia . . .	\$33.38
American Express Co., Concord . . .	.94
Sandwich Trout Co., Sandwich, Mass. . .	300.00
John H. Brown, postmaster, envelopes and stamps (F. H. Brown) . . . . .	15.54
Fay Whipple, Colebrook, trucking, Colebrook station . . . . .	4.50
American Express Co., Colebrook, express, Colebrook station . . . . .	40.95
Ceil Carlton, Colebrook, labor at hatchery . . . . .	6.00
Royal Bros., Colebrook, salt for Colebrook station . . . . .	.50
D. H. McLinn, Supt., Colebrook, services	55.00
D. G. Wentworth, Supt., Laconia, services,	55.00
Warren M. Smith, Laconia, labor, Laconia station . . . . .	2.00
F. Z. Thompson, Laconia, labor, Laconia station . . . . .	31.00
John Varney, Laconia, labor, Laconia station . . . . .	4.00
A. T. Quimby & Son, Laconia, hardware, etc., Laconia station . . . . .	15.50
C. A. French, Laconia, trucking, Laconia station . . . . .	12.00
F. S. Roberts, Laconia, fish meat, Laconia station . . . . .	10.25
F. S. Roberts, Laconia, fish meat, Colebrook station . . . . .	14.00
C. F. Nichols & Son, Concord, office supplies . . . . .	1.85
F. W. Sanborn, Concord, guides' badges .	37.50
Linen Thread Co., New York, net, Colebrook station . . . . .	1.02
Geo. E. Carter, Concord, office supplies .	4.97
James H. Drugg, Winchester, care screen, Forest Lake . . . . .	12.00
	<hr/>
	\$663.80

For month ending February 28, 1912:

H. F. Hurlburt, East Freetown, Mass., 475	
M. brook trout eggs, Colebrook station	\$285.00
H. F. Hurlburt, East Freetown, Mass., 400	
M. brook trout eggs, Laconia station	240.00
D. G. Wentworth, Supt., Laconia, services, February	55.00
C. A. French, Laconia, teams for hatchery	3.00
D. H. McLinn, Supt., Colebrook, services, February	55.00
Henry D. Sawyer, Colebrook, fuel	17.22
American Express Co., Colebrook, express on meat	.85
Colebrook, Columbia & Errol Tel. Co., telephone, Colebrook station	3.35
Warren Rowell, Colebrook, filling ice house at station	15.00
	<hr/> \$674.42

For month ending March 31, 1912:

D. G. Wentworth, Supt., Laconia, salary for March	\$55.00
C. A. French, Laconia, teams for hatchery	4.00
F. S. Roberts, Laconia, fish meat, Cole- brook	9.30
F. S. Roberts, Laconia, fish meat, Laconia	10.19
American Express Co., Laconia, express on eggs	4.69
Winnepesaukee Tel Co., Laconia, tele- phone, Laconia station	2.54
Samuel Hentall, Bristol, care screen, New- found Lake	8.43
F. R. Bucklin, East Tilton, care screen, outlet Winnisquam Lake	2.50
Asahel Wheeler Co., Boston, parafine	38.25
D. H. McLinn, Supt., Colebrook, salary	55.00
Geo. Pearlstein, Colebrook, rubber boots	4.00
Ceil Carlton, Colebrook, labor at hatchery	3.00

Fay Whipple, Colebrook, trucking, hatchery . . . . .	\$1.50	
American Express Co., Colebrook, express . . . . .	1.02	
		<hr/>
		\$199.42
I. A. Dickinson, Bristol labor with teams . . . . .	\$6.00	
Homer H. Hutchinson, Bristol, lumber . . . . .	103.99	
Ira F. Varney, Bristol, labor . . . . .	78.00	
Ira A. Chase, Bristol, labor for Varney order . . . . .	17.00	
Leon Varney, Bristol, labor . . . . .	77.25	
D. R. Goss, Bristol, labor . . . . .	43.00	
Sidney Wheeler, Bristol, labor . . . . .	37.00	
Raymond Sanborn, Bristol, labor . . . . .	43.00	
La Forest Ballou, Bristol, use of shop . . . . .	10.00	
Everett Pray, Bristol, trucking . . . . .	7.00	
C. N. Merrill & Son, Bristol, lumber and trucking . . . . .	24.27	
C. A. Smith, Bristol, labor and iron work . . . . .	220.15	
		<hr/>
		\$666.66
For month ending April 30, 1912:		
D. G. Wentworth, Supt., Laconia, services for April . . . . .	\$55.00	
C. A. French, Laconia, teams for hatchery . . . . .	3.00	
F. Z. Thompson, Laconia, labor at hatchery . . . . .	8.00	
American Express Co., Concord, express . . . . .	1.13	
American Express Co., Laconia, express . . . . .	3.98	
F. S. Roberts, Laconia, fish, meat, Colebrook station . . . . .	5.10	
F. S. Roberts, Laconia, fish meat, Laconia station . . . . .	5.94	
Samuel Hentall, Bristol, care screen, Newfound Lake . . . . .	11.58	
		<hr/>
		\$93.73
For month ending May 31, 1912:		
D. G. Wentworth, Supt., Laconia, salary for May . . . . .	\$60.00	



F. Z. Thompson, Laconia, labor at hatchery	\$6.00	
American Express Co., Laconia, express on cans . . . . .	1.00	
Winnepesaukee Tel. Co., Laconia, tele- phone at hatchery . . . . .	5.40	
F. S. Roberts, Laconia, fish meat, Laconia	6.08	
F. S. Roberts, Laconia, fish meat, Cole- brook . . . . .	13.69	
C. A. French, Laconia, trucking fish .	40.00	
Jerome J. Lovering, Manchester, care screen, Massabesic Lake . . . . .	3.00	
Samuel Hentall, Bristol, care screen, New- found Lake . . . . .	11.08	
D. H. McLinn, Supt., Colebrook, salary two months . . . . .	110.00	
D. H. McLinn, Supt., Colebrook, dinners, putting out fish . . . . .	3.00	
D. H. McLinn, Supt., Colebrook, mileage, putting out fish . . . . .	80.93	
Stevens Bros., Colebrook, supplies for hatchery . . . . .	14.08	
Fay Whipple, Colebrook, trucking fish, meat . . . . .	4.00	
Fay Whipple, Colebrook, trucking fish .	20.25	
Fay Whipple, Colebrook, services putting out fish . . . . .	42.00	
Fay Whipple, Colebrook, subsistence .	2.00	
Ceil Carlton, Colebrook, labor at hatchery (two months) . . . . .	12.00	
Walter S. Goodwin, Colebrook, labor at hatchery . . . . .	3.50	
American Express Co., Colebrook, express	5.97	
Colebrook, Columbia & Errol Tel. Co., telephone, February, March and April .	4.90	
	<hr/>	\$448.88
For month ending June 30, 1912:		
Henry F. Piper, Supt., Colebrook, salary (May) . . . . .	\$10.98	

Henry F. Piper, Supt., Colebrook, salary (June) . . . . .	\$55.00	
Henry F. Piper, Supt., Colebrook, transportation . . . . .	4.61	
American Express Co., Colebrook, express on meat . . . . .	9.48	
Lombard Bros., trucking . . . . .	2.47	
Lombard Bros., Colebrook, rubber boots . . . . .	5.00	
P. L. Gleason, Colebrook, salt . . . . .	.85	
Fay Whipple, Colebrook, trucking . . . . .	3.25	
Ceil Carlton, Colebrook, labor at hatchery . . . . .	6.00	
F. W. Goings, New London, transfer of fish . . . . .	24.00	
F. R. Buckvlin, East Tilton, care fish screens to June 1 . . . . .	6.00	
F. S. Roberts, Laconia, fish meat for Colebrook . . . . .	32.06	
F. S. Roberts, Laconia, fish meat for Laconia . . . . .	14.82	
American Express Co., Laconia, express on fish eggs from Colebrook . . . . .	1.38	
Winnepesaukee Tel. Co., Laconia, telephone, Laconia station . . . . .	5.39	
C. A. French, Laconia, livery for Laconia station . . . . .	6.00	
F. Z. Thompson, Laconia, labor for Laconia station . . . . .	3.00	
Daniel G. Wentworth, Supt., Laconia, salary for June . . . . .	60.00	
Daniel G. Wentworth, Supt., transportation . . . . .	2.72	
	<hr/>	\$253.01
For month ending July 31, 1912:		
Henry F. Piper, Supt., Colebrook, salary for July . . . . .	\$55.00	
American Express Co., Colebrook, express on fish meat to July 20 . . . . .	8.10	
Fay Whipple, Colebrook, trucking Colebrook station . . . . .	6.65	

Stevens Bros., Colebrook, incidentals,		
Colebrook station . . . . .	\$8.01	
Coös Tel. Co., telephone for June, Cole-		
brook station . . . . .	1.50	
Ceil Carlton, Colebrook, labor, Colebrook		
station . . . . .	3.00	
F. S. Roberts, Laconia, meat, Colebrook		
station . . . . .	50.44	
F. S. Roberts, Laconia, meat, Laconia		
station . . . . .	23.76	
Winnepesaukee Tel. Co., Laconia, tele-		
phone, Laconia station, July . . . .	1.75	
C. A. French, Laconia, teams, Laconia sta-		
tion . . . . .	7.00	
D. G. Wentworth, Supt., Laconia, salary		
(July) . . . . .	60.00	
Samuel Hentall, Bristol, care screen (June)	3.33	
Samuel Hentall, Bristol, postage . . . .	15.00	
	<hr/>	\$243.54
For month ending August 31, 1912:		
F. S. Roberts, Laconia, fish meat, Laconia		
station . . . . .	56.38	
F. S. Roberts, Laconia, fish meat, Cole-		
brook station . . . . .	130.39	
F. S. Roberts, Laconia, fish meat, Lake		
Sunapee . . . . .	33.00	
Carpenter-Morton Co., Boston, Mass.,		
paint, Laconia station . . . . .	39.80	
Small & French, Colebrook, teams, Cole-		
brook station . . . . .	3.00	
F. R. Bucklin, East Tilton, care screen,		
Lake Winnisquam to September 1 . .	4.50	
Semuel Hentall, Bristol, care screen, New-		
found Lake, to September 1 . . . .	6.66	
D. G. Wentworth, Supt., Laconia, salary		
for August . . . . .	60.00	
D. G. Wentworth, Supt., Laconia, cash paid		
out, putting out salmon . . . . .	11.24	

F. Z. Thompson, Laconia, labor, Laconia station . . . . .	\$10.00	
Winnepesaukee Tel. Co., Laconia, telephone, Laconia station . . . . .	2.48	
C. A. French, Laconia, trucking, Laconia station . . . . .	17.50	
H. F. Piper, Colebrook, salary for August	55.00	
Coös Tel. Co., Colebrook, telephone Colebrook station . . . . .	1.80	
P. L. Gleason, Colebrook, supplies, Colebrook station . . . . .	1.95	
Fay Whipple, Colebrook, trucking, Colebrook station . . . . .	4.50	
Royal Bros., Colebrook, supplies, Colebrook station . . . . .	.75	
American Express Co., Colebrook, express on fish meat, Colebrook station . . . . .	13.33	
Stevens Bros., Colebrook, repairs, Colebrook station . . . . .	93.55	
Lombard Bros., Colebrook, fish net, Colebrook station . . . . .	2.25	
	<hr/>	\$548.08
Arthur W. Dudley, Manchester, Lake Sunapee, labor . . . . .	\$12.00	
Arthur W. Dudley, Manchester, transportation . . . . .	2.52	
	<hr/>	\$14.52

## SPECIAL APPROPRIATIONS.

Screening Half Moon Pond in Alton and Barnstead. (Chapter 231-1911.)

Appropriation . . . . .	\$75.00
Paid out:	
Fred E. Berry, Ctr. Barnstead, lumber . . . . .	\$5.82
Fred E. Berry, Ctr. Barnstead, cement . . . . .	4.65
Fred E. Berry, Ctr. Barnstead, freight . . . . .	1.79

Fred E. Berry, Ctr. Barnstead, teaming .	\$5.00	
Fred E. Berry, Ctr. Barnstead, labor .	15.50	
Kidder Machine Co., Franklin, screen .	30.00	
	<hr/>	\$62.76

Repairing fish screen at Success Pond. (Chapter

235-1911.)

Appropriation . . . . .	\$150.00
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Paid out:

W. B. Burlingame, Berlin . . . . .	\$149.37
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Screening outlet of Angle Pond in Hampstead and Sandown.  
(Chapter 231-1911.)

Appropriation . . . . .	\$75.00
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Paid out:

Kidder Machine Co., Franklin . . . . .	\$13.75
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A. A. Collins, So. Danville . . . . .	61.25
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	<hr/>	\$75.00
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Screening Joe English Pond in New Boston.

Appropriated by Governor and Council.)

Paid out:

C. W. Hobbs, Pelham . . . . .	\$7.00
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Blaisdell Lake Screen. (Special Act Chapter 226-1911.)

Paid out:

Kidder Machine Co., Franklin . . . . .	\$40.00
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Robert H. Davis, services and material .	110.00
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	<hr/>	\$150.00
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Conway Hatchery.

Appropriation . . . . .	\$1,500.00
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Expended on account of Conway Hatchery .	\$1,307.06
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Total expended for general expenses including

specials, for year ending August 31, 1912 .	\$6,561.22
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Unexpended balance . . . . .	4,938.78
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	<hr/>	\$11,500.00
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## NON-RESIDENT HUNTERS' LICENSES.

License fees returned, year ending August 31, 1911      \$20.00

## RESIDENT HUNTERS' PERMITS.

Paid from receipts from permits, year ending  
August 31, 1911:

John Carter & Co., Boston, Mass., paper stock	. \$106.99
Ira C. Evans Co., Concord, printing	. . . 79.50
Express	. . . . . 8.45
Postage	. . . . . 80.79
Miscellaneous	. . . . . 54.00
	<hr/> \$329.73

## FISH SCREENS.

## FOREST LAKE.

Appropriation for year ending August 31, 1911	. \$29.57
Unexpended balance for year ending August 31, 1911	. . . . . \$29.57

## SQUAM LAKE.

Appropriation for year ending August 31, 1911	. \$200.00
Unexpended balance for year ending August 31, 1911	. . . . . \$200.00

## BABOOSIC LAKE.

Appropriation for year ending August 31, 1911	. \$200.00
Paid out for year ending August 31, 1911:	
Kidder Machine Co., Franklin, screen	. . . \$55.00
Arthur K. Woodbury, Nashua, material and labor	. . . . . 145.00
	<hr/> \$200.00

## PISCATAQUA DAM.

Appropriation for year ending August 31, 1911 . . . . .	\$500.00
Unexpended balance for year ending August 31, 1911, . . . . .	\$500.00

## SILVER LAKE.

Appropriation for year ending August 31, 1911 . . . . .	\$25.00
Unexpended balance for year ending August 31, 1911, . . . . .	\$25.00

## PARTRIDGE LAKE.

Appropriation for year ending August 31, 1911 . . . . .	\$58.48
Unexpended balance for year ending August 31, 1911, . . . . .	\$58.48

Receipts from resident hunters' permits for year ending August 31, 1911 . . . . .	\$18,616.50
Receipts from non-resident hunters' licenses for year ending August 31, 1911 . . . . .	8,720.00
Fines and forfeitures for year ending August 31, 1911 . . . . .	2,205.68
Receipts from resident hunters' permits for year ending August 31, 1912 . . . . .	\$18,345.75
Receipts from non-resident hunters' licenses for year ending August 31, 1912 . . . . .	8,520.00
Fines and forfeitures for year ending August 31, 1912 . . . . .	1,738.42



# LIST OF LAKES AND PONDS.

LIST OF LAKES AND PONDS IN NEW HAMPSHIRE, EXCLUSIVE OF THE GREAT LAKES, WINNIPESAUKEE, SUNAPEE, OSSIPEE, CONNECTICUT, ETC., WITH THE SIZE, CHARACTER OF THE BOTTOM, AND SPECIES OF FISH FOUND IN THEM.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Aeworth	Cole	200	Rocky	Bass, pouts, perch, pickerel
Alstead	Lake Warren..	560	Mud, gravel.....	Pouts, perch, pick'l
"	Pirce	8	Gravel	Trout
"	Caldwell	4	Muddy	Pouts, pickerel
"	Newell	5	Muddy	Pouts, pickerel
"	Lilly	.....	Muddy	Pouts, pickerel
"	Brigham	.....	Muddy	Pouts, pickerel
"	Crane	8	Muddy	Pouts, pickerel
"	Converse	.....	Muddy	Pouts, pickerel
"	Townsend	.....	Muddy	Pouts, pickerel
Alton	Half Moon.	320	.....	Bass (1877)
"	Woodman's	.....	.....	.....
"	Hill's	.....	.....	.....
"	Places	.....	.....	.....
Amherst	Babboosic	300	Various	Perch, pickerel, bass
"	Little	21	Muddy	Pickerel
"	Diamon	10	Muddy	Pouts and pickerel
Andover	Bradley	100	Muddy	Pouts and pickerel
"	Highland Lake	400	Various	Bass, perch, pouts, pickerel
"	Horseshoe and Andover	100	Muddy	Pickerel, perch, pouts
"	Elbow	300	Hard	Pickerel, perch, pouts
"	Cold	20	Muddy	Trout
Antrim	Gregg	100	Various	Bass (1873)
"	Dudley	31	Rocky	Perch, pouts
"	Tilton	10	Muddy	Eels
Auburn	Massabesic	2500	Sand, rocks.....	Bass, perch, pickerel, salmon, smelt, suckers
"	Little Massa-besic	.....	Muddy	Bass, perch, pickerel, salmon, smelt, suckers
Albany	Chocorua	.....	.....	.....
"	Whitten's	.....	.....	.....
Alexandria	Foster	.....	Muddy	Pick'l, perch, pouts
"	Goose	.....	Muddy	Pick'l, perch, pouts
Allenstown	Bear Hill.	23	Muddy	Pickerel, horned pouts

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Barnstead	Huntress			
"	Brindle			
"	Suncook			Pickereel, perch, bass (1877)
"	Brandy			
Barrington	Swain's	100		Horn pouts, bass
"	Ayer's	100		Pickereel, pouts, bass
"	Round	90		Pouts, pickereel, perch, bass
"	Rochester Res- ervoir	75		Pouts, pickereel, perch, bass
"	Bald Hill	50		Pouts, pickereel perch, bass
"	Nippo	10		Pouts, pickereel perch, bass
"	Stonehouse	5		Pouts, pickereel perch, bass
"	Badger	26		Perch, pickereel, bass
Bath	Perde	30		Perch, pickereel, bass
Belmont	Winnepesaukee River			Pickereel, perch, bass
"	Lake Winni- squam			Pickereel, perch, bass
"	Gioga River			Trout
Benton	Long		Muddy	Trout
Berlin (City)	Success	300	Sand, rocks	Brook trout
Bow	Tura	50	Muddy	Pickereel, perch, pouts
Boscawen	Long	300	Rocks, sand	Pickereel, perch, pouts
"	Boyce's	10	Muddy	Pickereel, perch, pouts
Bradford	Bradford	275	Sand, rocks	Bass, trout, salmon pickereel
"	Todd's	200	Muddy	Pickereel, pouts, perch, eels
Brookfield	Cook's	350	Rocky	Pickereel, black bass, eels
Brookline	Potanipus	160		Pickereel, red perch
"	Lakiris	40		Horn pouts
Canterbury	Clough's	30	Sandy	Pouts, bass, pickereel, barbel
"	Shakers (5)	60		Pickereel, perch, pouts
"	Crane-neck	8	Muddy	Pickereel, perch, pouts
"	Forest	20	Muddy	Pickereel, perch, pouts
"	Morrill	20	Muddy	Pickereel, perch, pouts
"	Reservoir	35	Muddy	Eels, pickereel, perch, pouts
Canaan	Heart	1290	Sandy	Bass, pickereel
"	Goose	1000	Muddy	Bass, pickereel, pouts
"	Clark	700	Muddy	Pickereel, pouts
"	Mud	40	Muddy	Pickereel, pouts
"	Ford's	50	Chalky	Trout
Campton	Great Perch	50	Muddy	Perch, horn pouts
"	Little Perch	30	Muddy	Perch, pouts
"	Campton Mill Pond (artifi- cial)	75	Muddy	Perch, trout, pouts
Center Harbor	Long			
"	Bear			
"	Hawkins			
"	Otter			
Chatham	Kimball's	100	Mud, sand	Pickereel
"	Mountain	100	Rocks, sand	Trout
"	Province	10	Rocks, sand	Trout
Chesterfield	Spofford Lake	1500	White sand	Pike, bass, pickereel
"	Round			Pickereel
"	Baker			Pickereel

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Chesterfield	Lily	30	Muddy	Trouts, eels, pickerel
Chichester	Pinkfield			
Clarksville	Clarksville	35	Mud, gravel	Pickel, pout
	Carr	20	Muddy	Trout
Columbia	Lime	30	Lime	No fish
"	Fish	50	Muddy	Trout, eels
Concord (City)	Penacook Lake	340	Sand, rocks	Salmon, lake trout, perch, pickerel, bass
"	Turtle			Pick'l, pouts, smelts
"	Turkey	120	Muddy	Perch
"	Little			
Conway	Walker's	2560	Rocky	Pick'l, pouts, perch, eels
"	Pequawket	640	Muddy	Pick'l, pouts, perch, eels
Croydon	Long			Smelt, pick'l, perch
"	Rocky			Bass, smelt
"	Governor's			Bass
"	Spectacle			
Colebrook	Mathew's	8	Muddy	Trout
Coos	Strafford	20	Muddy	Trout
"	Hoskin's	10	Muddy	Pickel, perch, pout
"	Hoskin's (2)	10	Muddy	Pickel, perch, pout
"	Platt's	10	Muddy	Pickel, perch, pout
Danbury	School			Pouts, perch, pick'l
"	Pleasant	800		Horn pout pickerel
				Red roach
Danville	Long			
"	Cub	100	Muddy	Pickel, perch, pouts
Deerfield	Pleasant		Sandy	Pickel, perch, bass, pouts
"	Pruze's	150	Muddy	Pickel, pouts
"	Deerfield		Muddy	Pickel
Deering	Piscataquog	300		Pick'l, perch, trout, pouts
"	reservoir			
"	Mud	50		Pickel, perch, pout
"	Dudley	100	Rocky	Pickel, perch, pout
"	Fulton	25	Muddy	Pickel, perch, pout
Derry	Beaver	147	Sandy	Pickel, bass, perch, pouts
"	Upper Shields			
"	Lower Shields			
Dixville	Trout			Trout
"	Moose			Trout
Dorchester	Cummings	100		Pickel, pouts
"	McCutchins	20	Sandy	Pickel, pouts
"	Reed	25		Pickel, pouts
"	Bryant's	20		Pickel, pouts
"	Reservoir	40		Pickel, pouts
Dublin	Monadnock	250	Sandy, rocky	Trout
"	Lake			
"	Thorndike	300	Muddy	Pickel, perch
"	Night	50	Muddy	Pickel, pout
"	E. Reservoir		Muddy	Pickel, trout
Dummer	Big Dummer		Gravel, sand	Pickel, trout
"	Little Dummer	100	Gravel, sand	Pickel, trout
"	Sessions	150	Gravel, sand	Trout, chub, suckers
Dunbarton	Gorham	75	Muddy	Perch, pickerel, pout
"	Long	80	Muddy	Perch, pickerel, pout
"	Kimball's	100	Sandy, rocky	Perch, pickerel, pout
"	Purgatory	35		Perch, pickerel, pout
Eaton	Walker		Rocky	Bass, trout, pickerel
"	Crystal Lakes	90	Sandy	Bass, trout, pickerel
"	Chase	40	Muddy	Bass, trout, pickerel
"	Elwell	25	Muddy	Bass, trout, pickerel
"	Lary		Rocky	Bass, trout, pickerel

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Eaton	Thurston	....	Sandy	Bass, trout, pickerel
Effingham	Province	1000	.....	.....
	Leech	.....	.....	.....
Ellsworth	Ellsworth	100	.....	.....
Enfield	Mascoma Lake	500	Rocky	Bass, pickerel, perch
"	Crystal Lake	350	Rocky	Salmon, pout, bass, lake trout, pickerel
"	or East Pond	.....	.....	.....
"	Spectacle	150	Rocky	Pout, pick'l, perch, (white perch 1902)
"	George	50	Muddy	Pickerel, pouts, perch
"	Smith	....	Muddy	Pickerel, pouts, perch
Epsom	Chestnut	35	Rocky, sandy	Bass, pickerel, roach, perch, pouts
"	Ordiorne's	15	Mud, sand	Bass, pickerel, roach, perch, pouts
"	Round	1	Mud, sand	Bass, pickerel, roach, perch, pouts
Errol	Aker's	309	Muddy, rocky	Trout, pickerel
"	Long	10	Muddy, rocky	Trout
"	Round	15	Muddy, rocky	Trout
"	Smealt	10	Muddy, rocky	Trout
"	Errol	10	Muddy, rocky	Trout
"	Mann	30	Muddy, rocky	Trout
"	Bearbrook	75	Muddy, rocky	Trout
"	Part of Winni- bagog	....	Sandy, rocky	Trout, salmon, whitefish
Epping	Carpenter's	....	.....	Pouts, pickerel, bass
Fitzwilliam	South	300	Sandy	Pickerel, perch, b. bass
"	Scripp	200	Muddy	Pickerel, perch
"	Rockwood's	109	Sandy	Pickerel, perch
"	Collins	39	Muddy	Pick'l, perch, smelt
Francestown	Haunted	216	Sandy	Bass, perch, pickerel
"	Pleasant	216	Sandy	Bass, perch, pickerel
Franklin	Webster Lake	100	Sandy	Salmon, pickerel, perch, bass, horn pouts
Franconia	Echo Lake	....	.....	Trout, bass
Freedom	Loon Lake	475	Sand, gravel	Perch, pick'l, trout
"	Round	8	Muddy	Perch, pickerel, horn pout, trout
"	3 Danforth	250	Gravel, mud	Perch, pickerel
"	Trout	6	Sandy	Trout
Fremont	Loon	30	Muddy	Pickerel, horn pout
Gilford	Saltmarsh	30	Gravel, mud	Pickerel, pouts, perch
"	Lily	30	Muddy	Pickerel, pouts, perch
Gilmanton	Loon	.....	.....	Black bass, pickerel
"	Lougee	.....	.....	Black bass, pickerel
"	Young's	.....	.....	Pickerel
"	Rocky	.....	.....	Pickerel
"	Round	.....	.....	Pickerel
"	Shellcamp	.....	.....	Pouts, pickerel
Gilsum	Converse	2	Muddy	Trout
Goshen	Rand's	60	Sand, gravel	Pickerel, perch, pouts bass trouts
Grafton	Grafton	100	Sand, gravel	Pick'l, perch, trout, pout, bass
"	Kilton	100	Rocky	Bass, pout, pickerel
"	Tewksbury	50	Muddy	Perch, pick'l, pouts, (Rainbow 1903)
"	.....	.....	.....	Pouts, pickerel
"	.....	.....	.....	Pouts, pickerel
Grantham	Mud	20	Sandy	Trout, perch, pouts, pickerel
"	Half Moon	50	Mud, sand	Trout, perch, pouts, pickerel
"	Stocker	140	.....	Trout, perch, pouts, pickerel
"	Castman	709	Mud, sand	Trout, perch, pouts, pickerel

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Grantham	Anderson	35	Mud, sand.....	Trout, perch, pouts, pickerel
"	Butternut	160	Mud, sand.....	Trout, perch, pouts, pickerel
"	Half Mile.....	40	Mud, sand.....	Trout, perch, pouts, pickerel
"	Miller	140	Mud, sand.....	Trout, perch, pouts, pickerel
"	Chase	12	Mud, sand.....	Trout, perch, pouts, pickerel
"	Lily	10	Mud, sand.....	Trout, perch, pouts, pickerel
"	Leavitt	80	Mud, sand.....	Trout, perch, pouts, pickerel
"	Grass	5	Mud, sand.....	Trout, perch, pouts, pickerel
Greenfield	Follard's	300	Mud, sand.....	Pickrel, perch, pouts
"	Gould's	150	Sandy	Pickrel, perch, pouts
"	Cragin's	150	Mud, sand.....	Pickrel, perch
"	Hogback	10	Muddy	Perch
"	Bridges	10	Muddy	Perch, pouts
Groton	Spectacle	100	Rocks, sand.....	Perch, pickerel
"	Little	4	Muddy	Perch, pickerel
Hampstead	Nash	250	Muddy	Bass, perch, pickerel, pout
"	Island	200	Muddy	Bass, perch, pickerel, pout
"	Angle	100	Muddy	Bass, perch, pickerel, pout
Hancock	Norway	47	Muddy	Perch, pickerel, pout
"	Juggernet	15	Rocky	Perch, pickerel, pout
"	Half Moon	60	Muddy	Perch, pickerel, pout
"	Hunt	40	Rocky	Perch, pickerel, pout
"	Long	200	Rocky, sandy....	Perch, pickerel, pout
"	Jack	4	Muddy	Perch, pickerel, pout
Harrisville	Harrisville	125	Rocky	Bass, perch, pickerel, pout
"	Breed	100	Rocky, sandy....	Bass, perch, pickerel, pout
"	North	300	Rocky	Bass, perch, pickerel, pout
"	Mud	....	Muddy	Pickrel
Haverhill	Woods	1	Muddy	Perch pouts
"	French	3	Sandy, muddy....	Perch pouts
Henniker	Long	....	Muddy	Pickrel
"	Middle	50	Various	Pickrel
"	Upper	75	Various	Pickrel
"	Whitaker's	100	Various	Pickrel
"	Gove's	80	Hard	Pickrel
"	Pleasant	75	Hard	Pickrel
"	Buxton's	5	Muddy	Pickrel
"	Morrill's	30	Muddy	Pickrel, trout
"	Cranny Hill....	100	Hard	Bass, pickerel, perch
"	Clough's	....	Muddy	Pickrel
"	Mud	....	Muddy	Pickrel
Hill	Poverty	3	Sandy, muddy....	Horn pout, pickerel
"	Bartlett's	....	Muddy	Horn pout, pickerel
Hillsborough	Loon	150	Muddy, rocky....	Pickrel, bass, perch, pout, trout
"	Contention	75	Muddy, rocky....	Pickrel, bass, perch, pout, trout
"	Gould	50	Muddy, rocky....	Pickrel, bass, perch, pout, trout
"	Ellenwood brooks & bog	....	....	Trout

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Holderness .....	Squam Lake...	6400	Rocks, sand.....	Salmon, trout, cusk, pickerel
" .....	Little Squam Lake .....	150	Rocks, sand.....	Perch, smelt, barbel, eels
" .....	Oak .....	80	Muddy .....	Pickerel, pouts, perch barbel
Hollis .....	Flint's .....	70	Mud and sand...	Pickerel, perch, pouts
" .....	Long .....	50	Sandy .....	Pickerel, perch, pouts
" .....	Pennichuck ..	150	Sandy, rocky....	Pickerel, bass, perch, pouts
" .....	Rocky .....	75	Sandy, rocky....	Pickerel, bass, perch, pouts
Hooksett .....	Lakin's .....	200	Muddy .....	Pickerel, pouts, perch
" .....	Clay .....	80	Muddy .....	Pickerel, pouts, perch
" .....	Hinman's .....	15	Muddy .....	Pickerel, pouts, perch
" .....	Sawyer's .....	10	Muddy .....	Pickerel, pouts, perch
" .....	Ten Acres....	5	Muddy .....	Pickerel, pouts, perch
" .....	Pinnacle .....	45	Sandy .....	Pickerel, pouts, perch
Hopkinton .....	Clement's .....	300	Sandy .....	Pickerel, pouts, perch
" .....	Grassy .....	100		Pickerel, pouts, perch
" .....	Rolfe .....	200	Mud and sand...	Pickerel, pouts, perch
" .....	Smith's .....	30	Muddy .....	Pickerel, pouts, perch
Hudson .....	Otterwick .....	30	Mud and sand...	Pickerel, perch
" .....	Robinson .....	50	Mud and sand...	Pickerel, perch
Jaffrey .....	Frost .....	100	Muddy .....	Eels, pouts
" .....	Thorndike .....	50	Muddy, rocky....	Pickerel, pouts
" .....	Gilmore .....	200	Sand, rocky....	Pickerel, perch, pouts
" .....	Long .....	400	Sand, mud.....	Eels, pouts
" .....	Mud .....			
Jefferson .....	Cherry .....	300	Muddy .....	Pickerel
Kensington .....	Muddy .....	10	Muddy .....	Pouts, pickerel, perch
Kingston .....	Little .....	300	Muddy .....	Trout, perch, pick'l
" .....	Great .....	600	Gravel .....	Trout, perch, pick'l
" .....	Country .....	800	Gravel .....	Trout, perch, pick'l
" .....	Half Moon....			Perch
Lancaster .....	Martin Meadow	300	Muddy .....	Pick'l, pouts, perch, eels
" .....	Baker's .....	30	Muddy .....	Pickerel, perch, eels
" .....	Blood .....	50	Muddy .....	Pick'l, pouts, perch, eels
Laconia .....	Pickerel .....	30	Muddy .....	Pick'l, pouts, perch, eels
Langdon .....	Lily .....	40	Muddy .....	Pouts, pickerel
Lee .....	Wheelright's ..	160	Gravel, mud....	Bass, perch, pouts, pickerel, eels
Lempster .....	Long .....	700	Various .....	Pickerel, perch, pouts
" .....	Sand .....	500	Sand, gravel....	Pickerel, perch, bass, pouts
" .....	Dodge .....	35	Muddy .....	Pickerel, flatsides, pouts
" .....	Beaver .....	10	Muddy .....	Pickerel, trout
" .....	Hurd .....	25	Muddy .....	Pickerel, flatsides
" .....	Duck .....	5	Muddy .....	Pickerel
Lincoln .....	Black .....	10	Muddy .....	Trout, horn pout
" .....	Shoal .....	10	Muddy .....	Trout, horn pout
" .....	Loon .....	50	Rocky, mud....	Trout, horn pouts
Lisbon .....	Pearl Lake....	100	Hard .....	Bass, pickerel
" .....	Streeter .....	90	Muddy .....	Pick'l, suckers, eels
Littleton .....	Partridge Lake	100	Hard .....	Bass, perch, horn pout, trout, pick'l
Litchfield .....	Darrah .....	14	Sandy .....	Pickerel, perch, pouts
" .....	Rich .....	4	Sandy .....	Perch, pouts
" .....	Common .....	5	Sandy .....	Perch, pouts
Londonderry .....	Kendall's .....	35	Muddy .....	Pickerel, perch, pouts
" .....	Scoby's .....	10	Muddy, rocky....	
Loudon .....	Clough's .....	50	Gravel .....	Pickerel, perch, bass



Towns.	Ponds.	Acres.	Bottom.	Fish.
Loudon	Crooked	25	Gravel, rocky	Pickereel, perch, pouts
"	Sanborn	...	Muddy	Pickereel, perch, pouts
"	Bog	...	Muddy	Pickereel, perch, pouts
"	Hot Hole	...	Muddy	Pickereel, perch, pouts
Lyman	Duck No.	25	Sand, rocks	Bass, pick'l, barbel
"	Dodge	100	Muddy	Dace, pickerel, pouts
"	John Young	200	Rocky	Perch, pouts, dace
"	Round	50	Muddy	Dace, pickerel, pouts
"	Mountain	...	...	Horn pouts, trout
"	Flag	...	...	Black bass, pouts
"	The Cowin	50	Muddy	Pouts, dace, pickerel
"	Duck No. 2	...	Muddy	Pickereel
Lyme	Trout	...	Muddy	Pickereel
"	Pout	...	...	Pouts
"	Reservoir	200	Sandy	Perch, pickerel
"	Mud	100	Muddy	Trout
"	Posts's	200	Sandy	Bass, salmon, lake trout, pickerel
Lyndeborough	Badger	15	Muddy	Pickereel, pouts
"	Benton	25	Muddy	Pouts
Manchester	Massabesic	2500	Rocky, mud	White and yellow perch, smelt, bass, pickerel, salmon
"	Stevens	20	Muddy	Pout, carp, perch, pickerel
"	Nutts	20	Sandy	Perch, pickerel, pouts
"	Long	30	Sand, mud	Pickereel, pickerel, pouts
Madison	Silver Lake	1858	Sandy	Various
"	Whitten	200	Sandy	Various
"	Pea Porridge	50	Sandy	Various
"	Pequawkett	30	...	Various
"	Ledge	20	...	Various
"	Davis	15	Muddy	Various
"	Elliott	100	...	Various
"	Oak	...	...	Various
"	Mack's	10	...	Various
"	Douris	15	...	Various
"	Round	10	...	...
"	Blue pond	6	...	...
"	Drew	8	...	...
"	Danforth	5	...	...
"	Durgin	5	...	...
"	Mill's	8	...	...
Marlborough	Clapp's	30	Muddy	Suckers, perch, pickerel
"	Stone	100	Rock, gravel	Suckers, pouts, perch, shiners
"	Meeting-house	50	Muddy	Suckers, perch, pouts, shiners
"	Cummings	45	Muddy	Suckers, perch, pouts, shiners
Merrimack	Baboosic	...	Rocky	Pickereel, perch, pout, bass
"	Reed's	40	Gravel, mud	Pickereel, perch, pout, bass
"	Horseshoe	20	Muddy	Pickereel, perch, pout, bass
"	Green's(private)	10	Muddy	Pickereel, perch, pout, bass
Meredith	Wickwash	700	Muddy	Pickereel, pouts
"	Kelley	...	Muddy	Pickereel, pouts
"	Page	...	Muddy	Pickereel, pouts
"	Spectacle	...	...	...
"	Waukawan Lake	700	Muddy	Pickereel, perch, pouts



## FISH AND GAME COMMISSIONERS' REPORT.

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Milan	Meed	2	Rocky	Bass, perch, pouts, pickerel
"	Nay's	75	Muddy	Trout
"	Cedar	100	Mud, gravel	Perch, pickerel trout
Milton	Meeting-House	200	Rocks, sand, gravel	White perch bass
"	Tri-Echo	1200	Rocks, sand, gravel, mud	Pickeral
"	Northeast	1200	Rocks, sand, gravel, mud	Perch, shiners, smelt, pouts, suckers, eels, etc.
Middleton	Reservoir	500	Sand, mud	Bass, pickerel, trout
Millsfield	Millsfield	....	....	Trout
"	Moose	....	....	Trout
"	Rock	....	....	Trout
Moultonboro	Long	400	Sandy	Pickeral, perch, horn pout
"	Berry	200	Sandy	Pickeral, perch, horn pout
Milford	Chickering or Osgood	70	Muddy	Pickeral, horn pout
"	Railroad	5	Muddy	Pickeral, horn pout
Marlow	Storm	30	Mud, sand	Pickeral, horn pout
"	Trout	6	Mud, sand	Pickeral, trout, horn pout
"	Gristin	10	Mud, sand	Trout, horn pout
"	Tinker	6	Mud, sand	Pickeral, trout, horn pout
Nelson	Long	700	Muddy	Pickeral, perch
"	Center	150	Muddy	Pickeral, perch
"	Granite Lake	247	Sand, rocks	L. trout, black bass
"	Tolman	50	Muddy	Black bass
Nashua	Round	25	Sand, muddy	Pickeral, perch, bream
New Boston	Bailey's	20	Muddy	Horn pouts, pickerel, perch
"	Beard's	10	Muddy	Horn pouts, pickerel, perch
"	John Brown's	6	Muddy	Horn pouts, pickerel, perch
"	Marshall's	5	Muddy	Hornpouts, perch ...
New Durham	Shaw's	100	Gravel	Hornpouts
"	March's	150	Gravel and mud	Horn pouts, pickerel, perch
"	Merrymeeting	1050	Gravel	Salmon, L. trout, pickerel, cusk
"	Cold Rain	50	Muddy	Salmon, pickerel
"	Downing's	95	Mud and gravel	Salmon, pick'l, pout
New Hampton	Spectacle	50	Muddy	Perch, pout, pickerel
"	Kelley	150	Muddy	Perch, pout, pickerel
"	Jackson	25	Gravel	Pickeral
"	Sky	5	Muddy	Pickeral, pout
New Ipswich	Pratt's	50	Muddy	Pickeral, pout
"	Hoar's	5	Rocky	Pickeral, pout
New London	Clark's	50	Muddy	Pickeral, pout
"	Messer's	100	Muddy	Pickeral, perch, pout, eels
"	Otter	125	Rocks, mud and sand	Salmon, bass, smelt, pickerel, pout, eels
"	Pleasant	800	Sandy	Bass, pickerel, eels
"	Little Sunapee	1200	Sandy	Bass, chub, eels, perch, pickerel
Northfield	Chestnut	....	Sandy	Pick'l, pout, suckers
"	Sandogardy	....	....	....
Northwood	Suncook	400	Sand, mud	Perch, pickerel, bass, pouts

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Northwood	Harvey's	200	Muddy	Perch, pickerel, bass, pouts
"	Little Bow	100	Muddy	Perch, pickerel, bass, pouts
"	Lucas	..	..	Perch, pickerel, bass, pouts
"	Jenness	300	Sandy	Perch, pickerel, bass pouts
"	Pleasant	..	Sandy	..
"	Long	..	Sand and mud	..
Nottingham	Pawtuckway	*	Gravel, mud	Bass, pickerel, pouts, perch, flatfish, eels
"	Dollar	600	Muddy	Pick'l, pouts, perch, flats
"	Round	40	Muddy	Pick'l, pouts, perch, flats
"	Quincy	95	Muddy	Pick'l, pouts, perch, flats
"	Demeritt	40	Muddy	Pick'l, pouts, perch, flats
"	Keniston	40	Muddy	Pick'l, pouts, perch, flats
"	Little and Big Mulekin	75	Muddy	Pick'l, pouts, perch, flats
"	Cyrus	25	Muddy	Pick'l, pouts, perch, flats
"	Prescott	25	Muddy	Pick'l, pouts, perch, flats
"	Langley	30	Muddy	Pick'l, pouts, perch, flats
"	Pea Porage	40	Muddy	Pick'l, pouts, perch, flats
Newbury	Chalk	39	White chalk	Perch, pick'l, pouts, cat fish
"	Todd	168	Muddy	Perch, pick'l, pouts, cat fish
"	Gillingham, formerly Otter	14	Muddy	Perch, pick'l, pouts, cat fish
"	Pond on top Sunapee Mt.	11	Muddy	No fish
No. Hampton	Great	3	Muddy	Picklerel
"	Mill	3	Muddy	Picklerel
Odell	Trio	..	..	..
"	Cranberry	..	..	..
Orange	Orange	..	..	..
Orford	Brackett's	..	..	..
"	Rocky	..	..	..
"	Turtle	..	..	..
"	Baker's Upper	..	..	..
"	Reservoir	..	..	..
"	Indian	..	..	..
Ossipee	White	100	Sandy	Smelt
"	Duncan	100	Sandy	Picklerel, pouts
"	Garland's	300	Rocky	Trouts, pouts
"	Connor	500	Rocky	Trouts, pouts
"	Hean	40	Rocky	Trouts, pouts
"	Dan's Hole	500	Rocky, very deep	Trout
Pelham	Long	600	Rocks and sand	Picklerel, perch, pout
"	Sunapee	100	Rocks, mud	Picklerel, perch, pout
"	White's	50	Sand gravel	Picklerel, perch, pout
"	Island	200	Sandy	Picklerel, perch, pout
Peterborough	Cunningham	30	Sandy	Picklerel, perch, pout
"	Pierce	10	Sandy	Picklerel, perch, pout
Piermont	Tarleton	900	Various	Trout, pickerel, bass, perch

\* 22,000 acres.

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Piermont	Little Tarlton.	50	Various	Trout, pickerel, bass, perch
"	Armington or Fellows	50	Various	Bass, pickerel, perch, bream
Pittsfield	Berry's	25	Sand gravel.	Bass, pickerel, perch, bream
"	Eaton's	8	Sand, rocks.	Bass, pickerel, perch, bream
"	Wild Goose.	350	Muddy	Bass, pickerel, perch, bream, pouts
"	Blake	5	Muddy	Pouts, pick'l, perch, bream
"	Horse	1	Muddy	Perch
Plainfield	Moses	40	Muddy	Pickerel, perch, pouts
Plymouth	Loon Lake.	130	Various	Black bass, pickerel
Portsmouth	Beverly Brook.	10	Gravel	Trout
Randolph	Safety	75	Muddy	Trout
Raymond	Onway Lake or Jones Pond.	125	Mud, sand.	Pickerel, bass, pout, eels
"	Smith or Governor's	50	Mud, sand.	Pickerel, bass, pout, eels
"	Page's	20	Mud, sand.	Pickerel, bass, pout, eels
"	Loon	12	Mud, sand.	Pickerel, bass, pout, eels
"	Dead	8	Mud, sand.	Pickerel, bass, pout, eels
Richmond	Sandy	20	Sandy	Perch, pickerel, pouts
"	Wheeler	50	Sand and mud.	Perch, pickerel, pouts
Rindge	Long	1000	Various	Perch, picker'l, sunfish, eels, shiners
"	Grassy	100	Muddy	Perch, picker'l, sunfish, eels, shiners
"	Bullet	30	Sandy	Perch, picker'l, sunfish, eels, shiners
"	Emerson	140	Rocky	Perch, picker'l, sunfish, eels, shiners
"	Hubbard	300	Various	Perch, picker'l, sunfish, eels, shiners
"	Pool	80	Muddy	Pickerel, perch, pout eels, shin'rs, sunfish
"	Perley	300	Rocky	Pickerel, perch, pout eels, shin'rs, sunfish
"	Manomanack.	2600	Various	Pickerel, perch, pout eels, shin'rs, sunfish
"	Pecker	30	Rocky	Pickerel, perch, pout eels, shin'rs, sunfish
"	Toitoice	...	Sandy	Pickerel, perch, pout eels, shin'rs, sunfish
"	Reservoir	...	Muddy	Pickerel, perch, pout eels, shin'rs, sunfish
Rochester	Ricker's	...	...	...
"	Romia	...	...	Black bass
Rollinsford	Cocheco	...	...	Black bass (1868)
Rumney	Stinson's Lake.	450	Sandy	Pick'l, perch, trout, suckers, bass
Roxbury	Woodward or Echo Lake.	108	Gravel	Pick'l, perch, trout, suckers
"	Cummings	40	Muddy	Pickerel, pout, carp
"	Holman	10	Muddy	...
Salem	Captain's	80	Muddy	Pickerel, perch, pout
"	World's End.	50	Muddy	Pickerel, perch, pout
"	Hitty-Titty	50	Muddy	Pickerel, perch, pout
"	Canobie Lake.	*	Rocky	Pickerel, perch, pout, bass
Salisbury	Tucker	75	Hard	Pickerel, perch, pout

\* 300 to 500 acres.

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Salisbury	Greenough	25	Muddy	Pickereel, perch, pout
"	Wilder	8	Hard	Pickereel, perch, pout
Sanbornton	Hunkin's	14	Various	Pickereel, perch, pout
"	Cawley	10	Muddy	Pickereel, eels, perch, pout
"	Drake	15		
"	Spectacle	6		
Sandown	Lake Philip	425	Sand, mud	Pickereel, bass, roach, shiners, perch, flat-sides
"	Angle	60	Sandy	Pickereel, bass, roach, shiners, perch, flat-sides
"	Punch	25	Muddy	Pickereel, bass, roach, shiners, perch, flat-sides
"	Cub	15	Muddy	Pickereel, bass, roach, shiners, perch, flat-sides
"	Clark's	50	Muddy	Pickereel, bass, roach, shiners, perch, flat-sides
"	Shourells	8	Muddy	Pickereel, bass, roach, shiners, perch, flat-sides
"	Hunt's	10	Muddy	Pickereel, bass, roach, shiners, perch, flat-sides
Sandwich	Bear Camp	400	Muddy	Perch, pick'l, pouts
"	Red Hill	300	Muddy	Perch, pick'l, pouts
"	Little	150	Sand, rocks	Perch, pick'l, pouts
Somersworth	Cole's			Bass (1877)
"	Willard's			Smelt
Springfield	Kobellernook Lake	100	Sandy	Bass, perch, pickerel
"	Stark Lake	75	Rocky	Trout, bass, perch
"	Chalk	40		Bass, pouts
"	Colby	20	Muddy	Pickereel, pouts
"	Morgan	100	Muddy	Pickereel, pouts
Stark	North Lake, called Christine Lake	300	Springs	Trout, lake salmon, eels
"	Smith		Muddy	Bass, pickerel, pout, trout
"	Pike	30	Muddy	No fish
Stewartson	Back			Pickereel
"	Big Diamond	200	Muddy	Trout
"	Small Diamond	75	Muddy	Trout
"	Ladd	8	Muddy	Trout
Stoddard	Granite Lake			Trout, bass, pickerel, perch
"	Center	90	Rocks, sand	Pouts, bass, pickerel, perch
"	Taylor		Rocky	Bass, pickerel, perch
"	Oakland	300	Rocky	Bass, pickerel, perch
"	Mud	200	Muddy	Pouts, pickerel, perch
"	Stacey			Bass, pickerel, perch
"	Hutchinson			Bass, pickerel, perch
"	Wheel or Ingalls			Bass, pickerel, perch
"	Abbott			Pickereel, perch
"	Scott			Pickereel, perch
"	Nellie's			Pickereel, perch
"	Trout	40		Pickereel, perch
"	Barrett			Pickereel, perch
Strafford	Bow Lake	1600	Rocky	Pouts, bass, pickerel, perch

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Strafford	Little Bow Lake	50	Mud and sand...	Pouts
	Wild Goose...	40	Muddy	Pouts
	Trout	35	Sand, rocks...	Pouts, trout
Success	Success	300	Rocky	Bass, pickerel, perch
Sunapee	Ledge	250	Muddy	Pouts, pickerel, eels, suckers
	Perkins	100	Muddy	Pickerel
Sullivan	Spectle	60	Muddy	Pickerel, perch, pout
	Bolster	70	Muddy	Pickerel, perch, pout
	Chapman	100	Muddy	Pickerel, perch, pout
Sutton	Ellis Reservoir	150	Muddy	Pickerel, perch, pout
	Blaisdell's	25	Sandy	Salmon, pick'l, pout, bass
	Billings	10	Muddy	Trout, pickerel, pout, bass
" "	Russell	225	Muddy	Pickerel, perch, pout
	Keyser Lake..	100	Muddy	Pickerel, bass, perch, pout
	Guild	150	Muddy	Pickerel, bass, perch, pout
Swanzy	Reservoir	160	Swampy	Pickerel, bass, perch, pouts
	Great	Various	Various	Pickerel, bass, perch, pouts
Shelburne	Locke's	7	Muddy	Horn pouts
	Moose	18	Muddy	Horn pout, pickerel
	Roger's	4	Muddy	Horn pout, pickerel
Surry	Lily	1	Muddy	Trout
	Keller (private)	150	Muddy	Pouts, pickerel
	Great Hill...	250	Mud and sand...	Pouts, bass (1877)
Tamworth	Chocorua	100	Muddy	Pouts, pickerel
	Elliott	175	Sandy	Pouts, pickerel, bass
	White	300	Rocky	Trout
" "	Whitten	200	Muddy	Pickerel
	Knowles	100	Rocky	Trout
	Pequaet	200	Muddy	Trout
" "	Church	100	Muddy	Trout
	Sawyer	100	Muddy	Trout
	Jeem's	10	Muddy	Trout, pouts
Thornton	Picket Hill...	5	Muddy	Pouts
	Conec	...	...	...
Tuftonborough	Lower Beech..	...	...	...
	Dishwater	...	...	...
Unity	Marshall	...	Rocks, mud...	Pickerel, flatsides
	Gilman	300	Gravelly	Pickerel, trout
	Cold	...	...	Flatsides, perch, trout
Wakefield	Great East...	3000	Rocks	Pickerel, b. bass (1869)
	Horn's	...	...	Pickerel, bass
	Lovewell's	1200	Rocks	Pickerel, bass, trout, California salmon
Warren	Bagley's	22	Muddy	Pickerel, eels, perch
	Bear	48	Rocky	Pickerel, pouts
	Pleasant	20	Rocky, sand...	Pick'l, pouts, perch, bass
" "	Tom's	34	Muddy	Pick'l, pouts, perch
	Limmons	30	Rocky	Trouts, pouts
	Day	12	Muddy	Pickerel, pouts
" "	Glen	55	Muddy	Trout
	Meador	30	Muddy	Pouts, suckers
	Part of Tarleton Lake	...	...	Lake trout, black bass
Washington	Island	400	Rocky	Bass, perch, pickerel, trout
	North	50	Mud, sand...	Bass, perch, pickerel, trout

## LIST OF LAKES AND PONDS.—Continued.

Towns.	Ponds.	Acres.	Bottom.	Fish.
Washington	May's	150	Hard	Bass, perch, pickerel, trout
"	Ashuelot	500	Mud, sand	Bass, perch, pickerel, trout
"	Mellen	180	Hard	Bass, perch, pickerel, trout
"	Half-Moon	85	Various	Bass, perch, pickerel, trout
"	Long	120	Muddy	Bass, perch, pickerel, trout
"	Ayer's	40	Muddy	
"	Bacon	50	Rocky, muddy	
"	Bear	4	Muddy	Trout
"	Borden	80	Muddy	Perch, pouts, trouts, pickerel
"	Borney	10	Muddy	
"	Brockway's			
"	Free Island	15	Very muddy	Pouts
"	Fletcher	20	Very muddy	
"	Hedgehog	50	Very muddy	Suckers, pouts
"	Frog	75	Very muddy	Perch, pouts
"	Lang, part in Washington	400	Very muddy	Pick'l, perch, pouts, bass
"	Newman	20	Very muddy	Pickerel, perch
"	Philbrick	15	Muddy	Perch, pouts
"	Smith	75	Muddy	Suckers, perch, pout
"	Trout	3	Muddy	Trout
"	Vickery	15	Very muddy	Pickerel, pouts
Webster	Long	320	Various	Bass, pickerel, perch, eels
"	Great	250	Various	Pout, perch, suckers, eels
Weare	Mt. William	128	Rocky	Bass, perch, pickerel, pout
"	Duck	50	Muddy	Pout, pickerel
"	Ferren's	40	Rocky	Pout, pickerel
"	Clough's	4		Pout, pickerel, perch
Wentworth Loca.	Wentworth			
Wentworth	Rocky	20	Sand, rocks	Trout
"	Brown's	500	Muddy, rocky	Bass, pickerel, trout, pout, eels
"	Lime	300	Mud, sand	Bass, pickerel, trout, pout, eels
Wilmot	Moony			
"	White	10	Clear	Pick'l, perch, trout, chub, suckers, pout
"	Eagle	50	Sandy	Pick'l, perch, trout, chub, suckers, pout
"	Piper	40	Muddy, rocky	Pickerel, trout, pout
Windsor	White	75	Sand, rocky	Bass, pouts, perch, pickerel
"	Black	50	Muddy	Pout, pickerel, perch
"	Bagley	40	Muddy	Pout, pickerel, perch
Whitefield	Myror Lake	55	Rocks, mud	Pickerel, perch
"	Montgomery	250	Rocks, sand	Pickerel, perch
"	Little Cherry	25	Rocks, mud	Pickerel, pout, perch
"	Mud	10	Rocks, mud	Pickerel, pout, perch
"	Burns	250	Rocks, sand	Pickerel, pout, perch
"	Part of Forest Lake	500	Rocks, mud	Pickerel, pout, perch
Winchester	Humphrey's	150	Various	Pick'l, perch, pouts, eels
"	Round	8	Various	Pick'l, perch, pouts, eels
Windham	Canobie Lake	1017	Muddy	Bass, pick'l, perch, pouts, eels



LIST OF LAKES AND PONDS.—*Continued.*

Towns.	Ponds.	Acres.	Bottom.	Fish.
Windham	Cobbett's	1000	Sandy	Bass, pick'l, perch, pouts, eels
"	Hiti-tity	....	Muddy	Bass, pick'l, perch, pouts, eels
"	Mitchell's	....	Muddy	Bass, pick'l, perch, pouts, eels
"	Golden	....	Sandy	Bass, pick'l, perch, pouts, eels
"	Simpson's	....	Muddy	Bass, pick'l, perch, pouts, eels
Woodstock	Leon	36	Various	Trout
"	Elbow	75	Various	Pick'l, pouts, trout
"	Hubbard's	30	Muddy	Pickerel
"	Russell	40	Mud, sand	Trout, pouts
"	Gordon	10	Muddy	Trout
"	Moran	20	Muddy	Trout
Wolfeboro	Lake Wentworth	....	Sand, rocks	Bass, Cusk, salmon, perch
"	Rust	720	Sand, rocks	Bass, pickerel, perch
"	Crooked	320	Stony	Bass (171)
"	Smith's	5120	Sand, rocks	Bass, pickerel, smelt
"	Beach	480	Sandy	Pickerel, perch, bass, pouts
"	Sargent's	240	Muddy	Pickerel, perch, pout
"	Garland	120	Muddy	Pickerel, perch, pout
"	Barton	80	Muddy	Pout, eels
Waterville	Greeley Upper	10	Muddy	Brook trout
"	Greeley Lower	5	Muddy	Brook trout
Walpole	Cobbins Mill...	20	Soft	Pike























